
UNITED STATES
DEPARTMENT OF AGRICULTURE

**AGRICULTURAL
STATISTICS
1992**



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Agricultural Statistics, 1992

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Introduction

Agricultural Statistics is published each year to meet the diverse need for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture.

The historical series in this volume have been generally limited to data beginning with 1976 or later.

Foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every five years and check data from various sources. Being estimates, they are subject to revision as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

DEFINITIONS

"Value of production" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of the date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

WEIGHTS, MEASURES, AND CONVERSION FACTORS

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U.S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

WEIGHTS, MEASURES, AND CONVERSION FACTORS
(See explanatory text just preceding this table)

WEIGHTS AND MEASURES

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilo-grams			Pounds	Kilo-grams
Alfalfa seed	Bushel.....	60	27.2	Celery	Crate ⁸	60	27.2
	{ do.....	48	21.8	Cherries	{ Lug (Campbell) ⁹		
	{ Loose pack.....	38-42	17.2-19.1		{ Lug.....	16	7.3
	{ Tray pack.....	40-45	18.1-20.4		{ Bushel.....	20	9.1
	{ Cell pack.....	37-41	16.8-18.6	Clover seed	Bushel.....	60	27.2
Apricots	Lug (brentwood) ²	24	10.9	Coffee	Bag.....	132.3	60
Western	4-basket crate ³	26	11.8	Corn:			
Artichokes:				Ear, husked	Bushel.....	¹⁰ 70	31.8
Globe	Ctn, by count and loose pack.....	20-25	9.1-11.3	Shelled	do.....	56	25.4
	Jerusalem.....	50	22.7	Meal	do.....	50	22.7
Asparagus	Crate (NJ).....	30	13.6	Oil	Gallon.....	⁷ 7.7	3.5
Avocados	Lug ⁴	12-15	5.4-6.8	Syrup	do.....	11.72	5.3
Bananas	Box folding				{ Wirebound crate.....	50	22.7
	box ⁵	40	18.1		{ Ctn, packed 5 oz. ears.....	50	22.7
Barley	Bushel.....	48	21.8	Sweet	{ WDB crate, 4½-5 oz. (from FL & NJ).....	42	19.1
Beans:					{ Bale, gross.....	¹¹ 500	227
Lima, dry	do.....	56	25.4	Cotton	{ Bale, net.....	¹¹ 480	218
Other, dry	{ Sack.....	60	27.2		{ Bushel.....	¹² 32	14.5
		100	45.4	Cottonseed	Gallon.....	⁷ 7.7	3.5
Lima, unshelled	Bushel.....	28-32	12.7-14.5	Cottonseed oil	Bushel.....	60	27.2
Snap	do.....	28-32	12.7-14.5	Cowpeas	Bushel.....	100	45.4
Beets:				Cranberries	{ Barrel.....	25	11.3
Topped	Sack.....	25	11.3		{ ¼-bbl. box ¹³		
Bunched	½ crate 2 dz-bchs.....	36-40	16.3-18.1	Cream, 40-percent butterfat.....	Gallon.....	8.38	3.80
Berries frozen pack:				Cucumbers	Bushel.....	48	21.8
Without sugar	50-gal. barrel.....	380	172	Dewberries	24-qt. crate.....	36	16.3
3 + 1 pack	do.....	425	193	Eggplant	Bushel.....	33	15.0
2 + 1 pack	do.....	450	204	Eggs, average size	Case, 30 dozen.....	47.0	21.3
Blackberries	12, ½-pint basket.....	6	2.7	Escarole	Bushel.....	25	11.3
Bluegrass seed	Bushel.....	14-30	6.4-13.6	Figs, fresh	Box single layer ¹⁴	6	2.7
Broccoli	Wirebound crate.....	20-25	9.1-11.3	Flaxseed	Bushel.....	56	25.4
Broomcorn (6 bales per ton).....	Bale.....	333	151	Flour, various	Bag.....	100	45.4
Broomcorn seed	Bushel.....	44-50	20.0-22.7				
Brussels sprouts	Ctn, loose pack.....	25	11.3	Garlic	{ Ctn or Crate, Bulk.....	30	13.6
Buckwheat	Bushel.....	48	21.8		{ Ctn of 12 tubes or 12 film bag pkgs 12 cloves each.....	10	4.5
Butter	Box.....	64	29.0	Grapefruit:			
	{ Open mesh bag.....	50	22.7	Florida and Texas.....	½-box mesh bag.....	40	18.1
Cabbage	{ Flat crate (1½ bu).....	50-60	22.7-27.2	Florida	1½ bu. box.....	85	38.6
	{ Ctn, place pack.....	53	24.0	Texas	1½ bu. box.....	80	36.3
Cantaloups	Crate.....	40	18.1	California			
Carrots:	Film plastic Bags, mesh sacks & cartons holding 48 1 lb. film bags.....	55	24.9	Desert			
	Burlap sack.....	74-80	33.6-36.3	Valleys and	Box ¹⁵	¹⁶ 64	29.0
Without tops	Bushel.....	41	18.6	California			
Castor beans	Gallon.....	⁷ 8	3.6	other than			
Castor oil	W.G.A. crate.....	50-60	22.7-27.2	Desert			
	Fiberboard box			Valleys.....	Box ¹⁵	67	30.4
Cauliflower	{ wrapper leaves removed film-wrapped, 2 layers.....	23-35	10.4-15.9	Grapes:			
				Eastern	12-qt. basket.....	20	9.1
				Western	{ Lug.....	28	12.7
					{ 4-basket crate ¹⁷	20	9.1
				Hempseed	Bushel.....	44	20.0
				Hickory nuts	do.....	50	22.7
				Honey	Gallon.....	11.84	5.4
				Honeydew melons	¾ Ctn.....	28-32	12.7-14.5
				Hops	Bale, gross.....	200	90.7

WEIGHTS AND MEASURES—Continued

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilo-grams			Pounds	Kilo-grams
Horseradish roots.....	{ Bushel.....	35	15.9	Pears:			
	{ Sack.....	50	22.7	California.....	Bushel.....	48	21.8
Hungarian millet seed.....	Bushel.....	48 and 50	21.8-22.7	Other.....	do.....	50	22.7
Kale.....	Ctn or crate.....	25	11.7		Std box, 4/5 bu.	45-48	20.4-21.8
Kapok seed.....	do.....	35-40	15.9-18.1	Peas:	Ctn, Tight-fill pack.	36-37	16.3-16.7
Lard.....	Tierce.....	375	170	Green, unshelled.....	Bushel.....	28-30	12.7-13.6
Lemons:				Dry.....	do.....	60	27.2
California and Arizona.....	{ Box ¹⁰	¹⁰ 76	34.5	Peppers, green.....	do.....	25-30	11.3-13.6
	{ Carton.....	38	17.2	Perilla seed.....	{ 1½ bu carton ..	28	12.7
Lentils.....	Bushel.....	60	27.2	Pineapple.....	Bushel.....	37-40	16.8-18.1
Lettuce, iceberg.....	Iceberg, carton packed 24.....	43-52	19.5-23.6	Plums and prunes:	Carton.....	40	18.1
Lettuce, hot-house.....	24-qt. basket.....	10	4.5		Ctn & lugs.....	28	12.7
Limes (Florida).....	Box.....	88	39.9		½-bu. basket.....	30	13.6
Linseed oil.....	Gallon.....	⁷ 7.7	3.5	Popcorn:			
Malt.....	Bushel.....	34	15.4	On ear.....	Bushel.....	¹⁰ 70	31.8
Maple syrup.....	Gallon.....	11.02	5.00	Shelled.....	do.....	56	25.4
Meadow fescue seed.....	Bushel.....	24	10.9	Poppy seed.....	do.....	46	20.9
Milk.....	Gallon.....	8.6	3.90		{ Bushel.....	60	27.2
Millet.....	Bushel.....	48-60	21.8-22.7	Potatoes.....	{ Barrel.....	165	74.8
Molasses, edible.....	Gallon.....	11.74	5.3		{ Box.....	50	22.7
Molasses, inedible.....	do.....	11.74	5.3		do.....	100	45.4
Mustard seed.....	Bushel.....	58-60	26.3-27.2	Quinces.....	Bushel.....	48	21.8
Oats.....	do.....	32	14.5	Rapeseed.....	do.....	50 and 60	22.7-27.2
Olives.....	Lug.....	25-30	11.3-13.6	Raspberries.....	½-pint baskets.	6	2.7
Olive oil.....	Gallon.....	⁷ 7.6	3.5	Redtop seed.....	Bushel.....	50 and 60	22.7-27.2
Onions, dry.....	Sack.....	50	22.7	Refiners' syrup.....	Gallon.....	11.45	5.2
Onions, green bunched.....	Ctn, 24-dz bchs.	10-16	4.5-7.3	Rice:			
Oranges:				Rough.....	{ Bushel.....	45	20.4
Florida.....	Box.....	90	40.8		Bag.....	100	45.4
Texas.....	Box.....	85	38.5		Barrel.....	162	73.5
California and Arizona.....	{ Box ¹⁵	¹⁵ 75	34.0		Pocket or bag ..	100	45.4
	{ Carton.....	38	17.2	Rosin.....	Drum, net.....	520	236
Orchardgrass seed.....	Bushel.....	14	6.4	Rutabagas.....	Bushel.....	56	25.4
Palm oil.....	Gallon.....	⁷ 7.7	3.5	Rye.....	do.....	56	25.4
Parsnips.....	Bushel.....	50	22.7	Sesame seed.....	do.....	46	20.9
	do.....	48	21.8	Shallots.....	{ Crate (4-7 doz. bunches).....	20-35	9.1-15.9
Peaches.....	{ 2 layer ctn or lug.....	22	10.0	Sorgo:			
	{ ¾-Bu, Ctn/ crate.....	38	17.2	Seed.....	Bushel.....	50	22.7
Peanut oil.....	Gallon.....	⁷ 7.7	3.5	Syrup.....	Gallon.....	11.55	5.2
Peanuts, unshelled:				Sorghum grain ¹⁰	Bushel.....	56	25.4
Virginia type.....	Bushel.....	17	7.7	Soybeans.....	do.....	60	27.2
Runners, Southeastern.....	do.....	21	9.5	Soybean oil.....	Gallon.....	⁷ 7.7	3.5
Spanish:				Spelt.....	Bushel.....	40	18.1
Southeastern.....	do.....	25	11.3	Spinach.....	do.....	18-20	8.2-9.1
Southwestern.....	do.....	25	11.3	Strawberries.....	{ 24-qt. crate.....	36	16.3
					{ 12-pt. crate.....	9-11	4.1-5.0
				Sudangrass seed.....	Bushel.....	40	18.1
				Sugarcane:			
				Syrup (sulfured or unsulfured).....	Gallon.....	11.45	5.2
				Sunflower seed.....	Bushel.....	24 and 32	10.9-14.5
				Sweetpotatoes.....	{ do.....	²⁰ 55	24.9
					{ Crate.....	50	22.7
				Tangerines, Florida.....	¾-bu. box.....	47½	21.5

See footnotes on page IX.

WEIGHTS AND MEASURES—Continued

Commodity	Unit ¹	Approximate net weight		Commodity	Unit ¹	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilo-grams</i>			<i>Pounds</i>	<i>Kilo-grams</i>
Timothy seed	Bushel	45	20.4	Tung oil	Gallon	7.8	3.5
Tobacco:				Turnips:			
Maryland	Hogshead	775	352	Without tops	Mesh sack	50	22.7
Flue-cured	do	950	431	Bunched	Crate ⁶	70-80	31.8-36.3
Burley	do	975	442	Turpentine	Gallon	7.23	3.3
Dark air-cured	do	1,150	522	Velvetbeans			
Virginia fire-cured	do	1,350	612	(hulled)	Bushel	60	27.2
Kentucky and Tennessee fire-cured	do			Vetch	do	60	27.2
.....do .....	.....do	1,500	680	Walnuts	Sacks	50	22.7
Cigar-leaf	{ Case	250-365	113-166	Water 60° F	Gallon	8.33	3.8
.....do	{ Bale	150-175	68.0-79.4	Watermelons	Melons of average or medium size	25	11.3
.....do	{ Crate	60	27.2	Wheat	Bushel	60	27.2
Tomatoes	{ Lug box	32	14.5	Various commodities	{ Short ton	2,000	907
.....do	{ 2-layer flat	21	9.5	.....do	{ Long ton	2,240	1,016
Tomatoes, hothouse	12-qt. basket	20	9.1	.....do	{ Metric ton	2,204.6	1,000

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To	Multiply by
Kilograms	0.45359237
Metric tons	0.00045359237

Conversion Factors

- 1 Metric ton = 2,204.622 pounds
- 1 Kilogram = 2.2046 pounds
- 1 Acre = 0.4047 hectares
- 1 Hectare = 2.47 acres
- 1 Square mile = 640 acres = 259 hectares
- 1 Gallon = 3.7853 liters

CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh
Do.....	1 pound chops.....	5 pounds fresh
Do.....	1 case canned ²¹	1.4 bushels fresh
Applesauce.....	do ²¹	1.2 bushels fresh
Apricots.....	1 pound dried.....	6 pounds fresh
Barley flour.....	100 pounds.....	4.59 bushels barley
Beans, lima.....	1 pound shelled.....	2 pounds unshelled
Beans, snap or wax.....	1 case canned ²²	0.008 ton fresh
Buckwheat flour.....	100 pounds.....	3.47 bushels buckwheat
Calves.....	1 pound live weight.....	0.557 pound dressed weight (1954-63 average)
Cattle.....	do.....	0.561 pound dressed weight (1954-63 average)
Cane syrup.....	1 gallon.....	5 pounds sugar
Cherries, tart.....	1 case canned ²¹	0.023 ton fresh
Chickens.....	1 pound live weight.....	0.72 pound ready-to-cook weight
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn
Corn, sweet.....	1 case canned ²²	0.030 ton fresh
Cornmeal.....		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946
Nondegermed.....	do.....	2 bushels corn, beginning 1946
Cotton.....	1 pound ginned.....	3.26 pounds seed cotton, including trash ²³
Cottonseed meal.....	1 pound.....	2.10 pounds cottonseed
Cottonseed oil.....	do.....	5.88 pounds cottonseed
Dairy products:		
Butter.....	do.....	21.1 pounds milk
Cheese.....	do.....	10 pounds milk
Condensed milk, whole.....	do.....	2.3 pounds milk
Dry cream.....	do.....	19 pounds milk
Dry milk, whole.....	do.....	7.6 pounds milk
Evaporated milk, whole.....	do.....	2.14 pounds milk
Malted milk.....	do.....	2.6 pounds milk
Nonfat dry milk.....	do.....	11 pounds liquid skim milk
Ice cream ²⁴	1 gallon.....	15 pounds milk
Ice cream ²⁴ (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk
Eggs.....	1 case.....	47 pounds
Eggs, shell.....	do.....	39.5 pounds frozen or liquid whole eggs
Do.....	do.....	10.3 pounds dried whole eggs
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed.....	1 bushel.....	About 2½ gallons oil
Grapefruit, Florida.....	1 case canned juice ²²	0.64 box fresh fruit
Hogs.....	1 pound live weight.....	0.579 pound dressed weight, excluding lard (1954-63 average)
Linseed meal.....	1 pound.....	1.51 pounds flaxseed
Linseed oil.....	do.....	2.77 pounds flaxseed
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.)
Maple syrup.....	1 gallon.....	8 pounds maple sugar
Nuts:		
Almonds, imported.....	1 pound shelled.....	3½ pounds unshelled
Almonds, California.....	do.....	2.22 pounds unshelled through 1949; 2 pounds thereafter
Brazil.....	do.....	2 pounds unshelled
Cashews.....	do.....	4.55 pounds unshelled
Chestnuts.....	do.....	1.19 pounds unshelled
Filberts.....	do.....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter
Pecans:		
Seedling.....	do.....	2.78 pounds unshelled
Improved.....	do.....	2.50 pounds unshelled
Pignolias.....	do.....	1.3 pounds unshelled
Pistachios.....	do.....	2 pounds unshelled
Walnuts:		
Black.....	do.....	5.88 pounds unshelled
Persian (English).....	do.....	2.67 pounds unshelled
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943
Oranges, Florida.....	1 case canned juice ²²	0.53 box fresh
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date
Peaches, California, clingstone.....	do.....	7½ pounds fresh
Peaches, clingstone.....	1 case canned ²¹	1 bushel fresh
Do.....	do.....	0.0230 ton fresh
Peanuts.....	1 pound shelled.....	1½ pounds unshelled
Pears.....	1 pound dried.....	6½ pounds fresh
Pears, Bartlett.....	1 case canned ²²	1.1 bushels fresh
Do.....	do.....	0.026 ton fresh

See footnotes on page IX.

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green.....	1 pound shelled.....	2½ pounds unshelled
Do.....	1 case canned ²²	0.009 ton fresh (shelled)
Prunes.....	1 pound dried.....	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins.....	1 pound.....	4.3 pounds fresh grapes
Rice, milled (excluding brewers).....	100 pounds.....	152 pounds rough or unhulled rice
Rye flour.....	do.....	2.23 bushels rye, beginning 1947
Sheep and lambs.....	1 pound live weight.....	0.482 pound dressed weight (1954-63 average)
Soybean meal.....	1 pound.....	1.27 pounds soybeans
Soybean oil.....	do.....	5.49 pounds soybeans
Sugar.....	1 ton raw.....	0.9346 ton refined
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes.....	1 case canned ²²	0.018 ton fresh
Turkeys.....	1 pound live weight.....	0.80 pound ready-to-cook weight
Wheat flour.....	100 pounds.....	2.30 bushels wheat ²⁵
Wool, domestic apparel shorn.....	1 pound greasy.....	0.48 pounds scoured
Wool, domestic apparel pulled.....	do.....	0.73 pound scoured

¹ Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

² Approximate inside dimensions, 4½ by 12½ by 16½ inches.

³ Approximate inside dimensions, 4½ by 16 by 16½ inches.

⁴ Approximate dimensions, 4½ by 13½ by 16½ inches.

⁵ Approximate inside dimensions, 13 by 12 by 32 inches.

⁶ Approximate inside dimensions, 13 by 18 by 21½ inches.

⁷ This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

⁸ Approximate inside dimensions, 9¼ by 16 by 20 inches.

⁹ Approximate inside dimensions, 4½ by 11½ by 14 inches.

¹⁰ The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it required 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

¹¹ For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

¹² This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

¹³ Approximate inside dimensions, 9¼ by 10½ by 15 inches.

¹⁴ Approximate inside dimensions, 1¼ by 11 by 16½ inches.

¹⁵ Approximate inside dimensions, 11½ by 11½ by 24 inches.

¹⁶ In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the other ½-box carton as the container used.

¹⁷ Approximate inside dimensions, 4½ by 16 by 16½ inches.

¹⁸ Approximate inside dimensions, 9¼ by 13 by 25 inches.6 by 16 by 16½ inches.

¹⁹ Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

²⁰ This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

²¹ Case of 24 No. 2½ cans.

²² Case of 24 No. 303 cans.

²³ Varies widely by method of harvesting.

²⁴ The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

²⁵ This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels, 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.31 bushels; and Nov. 1946-June 1957, 4.57 bushels.

CHAPTER I

STATISTICS OF GRAIN AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

Table 1.—Total grain: Supply and disappearance, United States, 1977-91

Year ¹	Supply				Disappearance			Ending stocks
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use	Exports	Total disap- pearance	
	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	
1977.....	69.2	265.9	0.3	335.4	162.6	89.1	251.6	83.7
1978.....	83.7	276.5	.2	360.4	180.6	95.1	275.7	84.5
1979.....	84.5	302.5	.2	387.3	185.4	111.8	297.2	89.8
1980.....	89.8	269.7	.3	359.8	171.9	115.5	287.4	72.0
1981.....	72.0	330.7	.3	403.0	179.4	111.5	290.8	111.8
1982.....	111.8	332.9	.6	445.3	195.0	96.8	291.7	153.2
1983.....	153.2	207.5	.8	361.4	183.0	98.1	281.1	80.1
1984.....	80.1	314.5	1.0	395.7	197.9	97.6	295.6	99.7
1985.....	99.7	346.9	1.4	448.0	202.0	63.5	265.5	182.3
1986.....	182.3	315.1	1.4	498.8	217.0	76.9	293.9	204.5
1987.....	204.5	280.2	1.6	486.3	217.3	98.9	316.2	169.9
1988.....	169.9	206.3	2.0	378.1	187.7	103.7	291.4	86.5
1989.....	86.5	283.8	2.1	372.4	204.0	106.8	310.8	61.4
1990.....	61.4	312.3	2.6	376.3	219.7	83.8	303.5	72.5
1991 ²	72.5	279.4	2.4	354.3	178.9	37.3	306.5	48.4

¹ Year beginning Sept. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.
² Preliminary. Totals may not add due to independent rounding.

Economic Research Service.

Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area		Yield per harvest- ed acre	Production	Used on farms where produced		Sold	Market- ing year average price per bushel received by farm- ers ²	Value of produc- tion ²
	Plant- ed ¹	Harvest- ed			For seed	Fed to live- stock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1977.....	75,410	66,686	30.7	2,045,527	117,391		1,928,136	2.33	4,764,557
1978.....	65,989	56,495	31.4	1,775,524	83,151		1,692,373	2.97	5,280,634
1979.....	71,424	62,454	34.2	2,134,060	87,564		2,046,496	3.80	8,070,378
1980.....	80,788	71,125	33.5	2,380,934	(³)	(³)	(³)	3.99	9,302,831
1981.....	88,251	80,642	34.5	2,785,357	(³)	(³)	(³)	3.69	10,172,242
1982.....	86,232	77,937	35.5	2,764,967	(³)	(³)	(³)	3.45	9,488,518
1983.....	76,419	61,390	39.4	2,419,824	(³)	(³)	(³)	3.51	8,435,021
1984.....	79,213	66,923	38.8	2,594,777	(³)	(³)	(³)	3.39	8,771,507
1985.....	75,535	64,704	37.5	2,424,115	(³)	(³)	(³)	3.08	7,371,211
1986.....	71,998	60,688	34.4	2,090,570	(³)	(³)	(³)	2.42	5,041,888
1987.....	65,829	55,945	37.7	2,107,685	(³)	(³)	(³)	2.57	5,497,712
1988.....	65,529	53,139	34.1	1,812,201	(³)	(³)	(³)	3.72	6,683,999
1989.....	76,615	62,189	32.7	2,036,618	(³)	(³)	(³)	3.72	7,542,464
1990.....	77,241	69,283	39.5	2,736,428	(³)	(³)	(³)	2.61	7,184,427
1991 ⁴	69,906	57,693	34.3	1,980,704	(³)	(³)	(³)	2.95	5,800,704

¹ Includes area seeded in preceding fall for winter wheat. ² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

³ Estimates discontinued. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1977-91

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers ²	Value of production ²
	Planted ¹	Harvested				
Winter wheat						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1977	56,469	48,772	31.6	1,540,419	2.28	3,506,778
1978	47,549	38,491	31.8	1,222,446	3.01	3,677,175
1979	51,787	43,427	36.9	1,601,234	3.81	6,075,553
1980	57,771	51,635	36.8	1,902,011	3.88	7,286,005
1981	65,547	58,476	35.9	2,097,057	3.68	7,643,158
1982	65,516	57,633	36.0	2,073,560	3.42	7,036,361
1983	62,105	47,584	41.8	1,988,304	3.42	6,805,574
1984	63,419	51,513	40.0	2,060,266	3.32	6,864,487
1985	57,712	47,923	38.1	1,826,625	2.98	5,426,601
1986	53,895	43,170	35.2	1,520,433	2.33	3,580,879
1987	48,806	39,332	39.8	1,565,381	2.49	3,962,170
1988	48,800	39,800	39.2	1,561,910	3.65	5,684,359
1989	55,091	41,509	35.0	1,454,642	3.78	5,450,176
1990	56,948	49,901	40.7	2,030,874	2.62	5,394,090
1991 ³	51,049	39,396	34.8	1,372,182	2.85	3,975,230
Durum wheat ⁴						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1977	3,183	3,025	26.4	79,964	2.69	215,413
1978	4,110	4,024	33.1	133,328	2.93	390,608
1979	4,042	3,932	27.1	106,654	4.23	463,847
1980	5,525	4,840	22.4	108,395	5.32	549,261
1981	5,776	5,655	32.4	183,040	3.73	681,633
1982	4,290	4,177	34.9	145,863	3.40	505,270
1983	2,565	2,492	29.3	72,979	3.98	292,418
1984	3,277	3,219	32.1	103,439	3.75	394,135
1985	3,207	3,094	36.4	112,510	3.22	362,036
1986	2,994	2,877	34.0	97,907	2.70	271,276
1987	3,341	3,279	28.2	92,617	3.18	312,553
1988	3,336	2,847	15.7	44,831	4.70	203,923
1989	3,791	3,673	25.1	92,229	3.46	316,838
1990	3,570	3,507	34.9	122,430	2.63	318,922
1991 ³	3,253	3,197	32.5	103,957	2.60	277,598
Other spring wheat ⁵						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1977	15,758	14,889	28.6	425,144	2.45	1,042,366
1978	14,330	13,980	30.0	419,750	2.89	1,212,851
1979	15,595	15,095	28.2	426,172	3.61	1,530,978
1980	17,492	14,650	25.3	370,528	4.10	1,467,565
1981	16,928	16,511	30.6	505,260	3.73	1,847,451
1982	16,426	16,127	33.8	545,544	3.54	1,946,887
1983	11,749	11,314	31.7	358,541	3.72	1,337,029
1984	12,517	12,196	35.3	431,072	3.53	1,512,885
1985	14,616	13,687	35.4	484,980	3.38	1,582,574
1986	15,109	14,641	32.3	472,230	2.54	1,189,733
1987	13,682	13,334	33.7	449,687	2.62	1,222,989
1988	13,393	10,542	19.5	205,460	3.77	795,717
1989	17,733	17,007	28.8	489,747	3.61	1,775,450
1990	16,723	15,875	36.7	583,124	2.58	1,471,415
1991 ³	15,604	15,100	33.4	504,565	3.05	1,547,876

¹ Seeded in preceding fall for winter wheat. ² Obtained by weighting State prices by quantity sold. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable, prior to 1979. ³ Preliminary. ⁴ Includes California, Minnesota, Montana, North Dakota, and South Dakota. In addition 1976 and 1977 includes New Mexico; beginning 1976 includes Arizona. ⁵ Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

National Agricultural Statistics Service.

WHEAT

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Table 4.—Wheat: Stocks on and off farms, United States, 1977-91

Year beginning October	On farms				Off farms ¹			
	Oct. 1	Jan. 1	Apr. 1	June 1	Oct. 1	Jan. 1	Apr. 1	June 1
All wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977.....	1,039,227	834,577	642,106	494,018	1,365,322	1,162,459	887,832	683,790
1978.....	1,029,682	814,400	633,254	484,322	1,104,169	816,364	596,172	439,777
1979.....	1,030,071	773,920	569,600	376,501	1,240,745	942,247	655,518	525,498
1980.....	975,946	753,950	539,077	414,394	1,497,550	1,150,253	790,059	574,719
1981.....	1,197,704	948,675	742,573	576,196	1,529,800	1,223,397	809,041	583,168
1982.....	1,402,252	1,150,534	870,822	669,938	1,567,214	1,355,646	991,165	846,125
1983.....	1,235,870	1,015,409	771,212	591,650	1,719,317	1,310,964	986,924	806,996
1984.....	1,217,308	930,281	713,437	582,077	1,522,679	1,210,750	953,694	843,163
1985.....	1,248,482	1,011,203	799,432	681,080	1,724,011	1,514,964	1,330,641	1,223,901
Year beginning September	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1
1986.....	1,293,000	1,063,000	794,000	560,000	1,863,505	1,610,490	1,456,430	1,260,904
1987.....	1,156,000	966,000	748,000	525,000	1,820,462	1,534,286	1,175,536	735,844
1988.....	799,000	620,000	463,000	289,000	1,455,552	1,095,902	764,711	412,626
1989.....	832,000	592,000	376,000	212,500	1,085,246	831,651	567,109	323,955
1990.....	1,000,000	763,200	532,920	341,210	1,409,865	1,145,062	863,336	524,706
1991 ²	828,000	564,800	275,550	144,605	1,212,719	878,721	610,168	327,666
Durum wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977.....	103,462	81,891	61,635	49,626	36,338	26,524	29,754	17,265
1978.....	120,309	98,694	82,966	69,685	30,012	18,312	21,519	16,084
1979.....	122,621	87,384	64,486	48,669	30,070	19,776	21,327	12,342
1980.....	88,456	73,990	59,974	45,183	34,406	29,448	23,282	14,735
1981.....	144,837	119,151	103,717	88,819	41,688	31,034	26,947	17,145
1982.....	174,464	153,683	128,388	111,059	40,947	33,266	34,039	24,898
1983.....	112,849	97,776	86,007	71,554	46,392	35,267	34,245	27,125
1984.....	125,005	95,033	81,819	69,225	51,571	37,212	33,007	30,581
1985.....	127,722	111,608	89,192	78,929	44,124	39,191	46,878	42,355
Year beginning September	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1
1986.....	124,800	96,910	72,570	49,305	52,374	57,558	56,618	45,259
1987.....	94,100	76,850	64,024	53,331	52,452	43,639	40,657	29,429
1988.....	56,040	49,615	43,635	34,201	50,630	40,928	34,808	25,813
1989.....	79,150	61,827	46,898	30,836	42,431	38,361	31,545	19,385
1990.....	100,050	86,315	58,759	43,353	31,330	25,811	23,679	18,862
1991 ²	94,160	77,460	56,279	35,700	33,867	24,089	23,067	19,177

¹ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. ² Preliminary.

National Agricultural Statistics Service.

Table 5.—Wheat: Supply and disappearance, United States, 1977-91

Year beginning June	Supply				Disappearance						Ending stocks May 31
	Begin- ning stocks	Produc- tion	Im- ports ¹	Total	Domestic use				Ex- ports ¹	Total disap- pearance	
					Food	Seed	Feed ²	Total			
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1977.....	1,113	2,046	2	3,161	586	80	193	859	1,124	1,983	1,178
1978.....	1,178	1,776	2	2,955	592	87	158	837	1,194	2,031	924
1979.....	924	2,134	2	3,060	596	101	86	783	1,375	2,158	902
1980.....	902	2,381	3	3,285	611	113	59	783	1,514	2,296	989
1981.....	989	2,785	3	3,777	602	110	135	847	1,771	2,618	1,159
1982.....	1,159	2,765	8	3,932	616	97	195	908	1,509	2,417	1,515
1983.....	1,515	2,420	4	3,939	643	100	371	1,114	1,426	2,540	1,399
1984.....	1,399	2,595	9	4,003	651	98	407	1,156	1,421	2,578	1,425
1985.....	1,425	2,424	16	3,866	674	93	284	1,052	909	1,961	1,905
1986.....	1,905	2,091	21	4,017	712	84	401	1,197	999	2,196	1,821
1987.....	1,821	2,108	16	3,945	721	85	280	1,086	1,598	2,684	1,261
1988.....	1,261	1,812	23	3,096	726	103	146	975	1,419	2,394	702
1989.....	702	2,037	23	2,762	749	100	143	992	1,233	2,225	536
1990.....	536	2,736	36	3,309	791	90	494	1,375	1,068	2,443	866
1991 ³	866	1,981	35	2,882	795	90	325	1,210	1,250	2,460	421

¹ Imports and exports include flour and other products expressed in wheat equivalent. ² Residual, approximates feed use and includes negligible quantities used for distilled spirits. ³ Preliminary. Totals may not add due to independent rounding.

Economic Research Service.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1987-90¹

Item	Year beginning June				Item	Year beginning June			
	1987	1988	1989	1990		1987	1988	1989	1990
	Million bushels	Million bushels	Million bushels			Million bushels	Million bushels	Million bushels	
All wheat:					Hard red spring:				
Stocks, June 1....	1,821	1,261	702	536	Stocks, June 1....	490	402	219	155
Production.....	2,108	1,812	2,037	2,736	Production.....	431	181	433	555
Supply ²	3,945	3,096	2,762	3,309	Supply ²	925	590	660	717
Exports ³	1,598	1,419	1,233	1,068	Exports ³	255	195	280	201
Domestic disappearance.....	1,086	975	992	1,375	Domestic disappearance.....	268	176	225	239
Stocks, May 31.....	1,261	702	536	866	Stocks, May 31.....	402	219	155	277
Hard red winter:					Durum:				
Stocks, June 1....	973	567	302	215	Stocks, June 1....	95	83	60	50
Production.....	1,019	882	711	1,199	Production.....	93	45	92	122
Supply.....	1,992	1,449	1,013	1,414	Supply ²	197	139	165	192
Exports ³	911	639	360	368	Exports ³	62	20	55	53
Domestic disappearance.....	514	507	438	686	Domestic disappearance.....	53	59	60	76
Stocks, May 31.....	567	302	215	360	Stocks, May 31.....	83	60	50	62
Soft red winter:					White:				
Stocks, June 1....	77	75	39	32	Stocks, June 1....	185	135	81	85
Production.....	349	473	549	547	Production.....	216	232	251	313
Supply.....	427	547	588	579	Supply ²	403	370	335	408
Exports ³	160	315	345	230	Exports ³	210	250	193	216
Domestic disappearance.....	192	193	212	269	Domestic disappearance.....	59	40	57	105
Stocks, May 31.....	75	39	32	80	Stocks, May 31.....	135	81	85	87

¹ Data except production are approximations. ² Total supply includes imports. ³ Imports and exports include flour and products in wheat equivalent.

Economic Research Service.

Table 7.—Wheat: Area, yield, and production, by States, 1989-91

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	300	280	170	220	190	110	30.0	35.0	25.0	6,600	6,650	2,750
AZ.....	120	100	70	118	98	68	90.9	94.6	97.1	10,722	9,266	6,605
AR.....	1,300	1,500	1,100	1,200	1,400	930	44.0	35.0	22.0	52,800	49,000	20,460
CA.....	731	680	483	675	619	442	77.9	78.0	81.8	52,605	48,165	36,160
CO.....	2,775	2,742	2,638	2,270	2,590	2,396	27.4	33.6	31.7	62,100	86,950	74,000
DE.....	80	65	70	74	60	67	42.0	51.0	53.0	3,108	3,060	3,551
FL.....	80	65	50	65	55	25	29.0	33.0	23.0	1,885	1,815	575
GA.....	800	650	500	700	590	425	32.0	35.0	33.0	22,400	20,650	14,025
ID.....	1,460	1,420	1,340	1,370	1,370	1,160	66.7	72.7	70.4	91,420	99,600	81,660
IL.....	1,850	2,050	1,650	1,780	1,850	1,400	59.0	48.0	32.0	105,020	88,800	44,800
IN.....	940	1,050	850	880	970	720	59.0	52.0	40.0	51,920	50,440	28,800
IA.....	80	80	75	70	75	50	47.0	45.0	34.0	3,290	3,375	1,700
KS.....	12,400	12,400	11,800	8,900	11,800	11,000	24.0	40.0	33.0	213,600	472,000	363,000
KY.....	630	700	640	450	500	400	50.0	40.0	27.0	22,500	20,000	10,800
LA.....	390	440	300	350	390	190	31.0	33.0	20.0	10,850	12,870	3,800
MD.....	230	200	205	215	190	195	40.0	52.0	50.0	8,600	9,880	9,750
MI.....	660	770	570	640	750	560	53.0	55.0	43.0	33,920	41,250	24,080
MN.....	2,765	2,960	2,190	2,699	2,865	2,155	38.0	48.4	31.1	102,504	138,620	67,110
MS.....	525	600	350	450	520	250	34.0	30.0	18.0	15,300	15,600	4,500
MO.....	1,970	2,150	1,650	1,850	2,000	1,500	47.0	38.0	32.0	86,950	76,000	48,000
MT.....	6,340	5,745	5,130	5,235	5,185	4,379	27.7	28.1	36.4	145,030	145,865	159,507
NE.....	2,550	2,450	2,350	2,050	2,250	2,100	27.0	38.0	32.0	55,350	85,500	67,200
NV.....	18	16	11	15	14	8	80.0	70.0	82.5	1,200	980	660
NJ.....	43	36	35	35	29	26	39.0	43.0	46.0	1,365	1,247	1,196
NM.....	550	520	550	200	300	320	20.0	25.0	25.0	4,000	8,100	8,000
NY.....	135	150	115	130	145	110	45.0	49.0	49.0	5,850	7,105	5,390
NC.....	680	600	550	630	550	480	34.0	41.0	40.0	21,420	22,550	19,200
ND.....	10,800	11,350	10,000	10,330	10,910	9,790	23.5	35.3	31.0	242,320	385,220	303,670
OH.....	1,260	1,400	1,150	1,230	1,350	1,080	51.0	59.0	49.0	62,730	79,650	52,920
OK.....	7,300	7,500	7,400	5,700	6,300	5,000	27.0	32.0	28.0	153,900	201,600	140,000
OR.....	950	1,010	900	920	968	846	58.5	59.5	51.9	53,835	57,616	43,900
PA.....	220	215	180	215	210	175	37.0	50.0	44.0	7,955	10,500	7,700
SC.....	460	400	300	435	380	275	41.0	38.0	31.0	17,835	14,440	8,525
SD.....	3,930	4,140	3,370	3,520	3,789	3,117	23.6	33.8	30.9	83,080	128,004	96,175
TN.....	540	580	440	450	490	320	42.0	36.0	24.0	18,900	17,640	7,680
TX.....	6,700	6,700	6,200	3,000	4,200	2,800	20.0	31.0	30.0	60,000	130,200	84,000
UT.....	190	185	165	177	176	153	33.6	40.7	38.0	5,950	7,170	5,807
VA.....	300	290	280	275	260	250	46.0	47.0	49.0	12,650	12,220	12,250
WA.....	3,100	2,600	3,700	2,270	2,480	2,150	48.7	60.5	45.9	110,610	150,080	98,600
WV.....	16	15	13	12	12	10	43.0	46.0	45.0	516	552	450
WI.....	212	205	149	180	192	127	51.8	52.5	48.2	9,320	10,085	6,118
WY.....	235	232	217	204	211	194	23.1	29.0	29.0	4,708	6,113	5,630
US.....	76,615	77,241	69,906	62,189	69,283	57,693	32.7	39.5	34.3	2,036,618	2,736,428	1,980,704

¹ Includes area seeded in preceding fall for winter wheat.² Preliminary.

National Agricultural Statistics Service.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1989–91

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
Winter wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	300	280	170	220	190	110	30.0	35.0	25.0	6,600	6,650	2,750
AZ.....	35	55	30	34	54	29	93.0	95.0	100.0	3,162	5,130	2,900
AR.....	1,300	1,500	1,100	1,200	1,400	930	44.0	25.0	22.0	52,800	49,000	20,460
CA.....	625	620	450	570	560	410	77.0	76.0	80.0	43,890	42,560	32,800
CO.....	2,700	2,700	2,600	2,200	2,550	2,300	26.0	33.0	31.0	57,200	84,150	71,300
DE.....	80	65	70	74	60	67	42.0	51.0	53.0	3,108	3,060	3,551
FL.....	80	65	50	65	55	25	29.0	33.0	23.0	1,885	1,815	575
GA.....	800	650	500	700	590	425	32.0	35.0	33.0	22,400	20,650	14,025
ID.....	880	960	870	810	920	700	70.0	75.0	70.0	56,700	69,000	49,000
IL.....	1,850	2,050	1,650	1,780	1,850	1,400	59.0	48.0	32.0	105,020	88,800	44,800
IN.....	940	1,050	850	880	970	720	59.0	52.0	40.0	51,920	50,440	28,800
IA.....	80	80	75	70	75	50	47.0	45.0	34.0	3,290	3,375	1,700
KS.....	12,400	12,400	11,800	8,900	11,800	11,000	24.0	40.0	33.0	213,600	472,000	363,000
KY.....	630	700	640	450	500	400	50.0	40.0	27.0	22,500	20,000	10,800
LA.....	390	440	300	350	390	190	31.0	33.0	20.0	10,850	12,870	3,800
MD.....	230	200	205	215	190	195	40.0	52.0	50.0	8,600	9,880	9,750
MI.....	660	770	570	640	750	560	53.0	55.0	43.0	33,920	41,250	24,080
MN.....	135	130	60	120	85	55	38.0	30.0	36.0	4,560	2,550	1,980
MS.....	525	600	350	450	520	250	34.0	30.0	18.0	15,300	15,600	4,500
MO.....	1,970	2,150	1,650	1,850	2,000	1,500	47.0	38.0	32.0	86,950	76,000	48,000
MT.....	2,500	2,700	2,350	1,500	2,500	1,800	36.0	35.0	40.0	54,000	87,500	72,000
NE.....	2,550	2,450	2,350	2,050	2,250	2,100	27.0	38.0	32.0	55,350	85,500	67,200
NV.....	7	6	6	6	6	4	80.0	70.0	90.0	480	420	360
NJ.....	43	36	35	35	29	26	39.0	43.0	46.0	1,365	1,247	1,196
NM.....	550	520	550	200	300	320	20.0	27.0	25.0	4,000	8,100	8,000
NY.....	135	150	115	130	145	110	45.0	49.0	49.0	5,850	7,105	5,390
NC.....	680	600	550	630	550	480	34.0	41.0	40.0	21,420	22,550	19,200
ND.....	100	250	100	80	160	90	29.0	27.0	33.0	2,320	4,320	2,970
OH.....	1,260	1,400	1,150	1,230	1,350	1,080	51.0	59.0	49.0	62,730	79,650	52,920
OK.....	7,300	7,500	7,400	5,700	6,300	5,000	27.0	32.0	28.0	153,900	201,600	140,000
OR.....	840	950	850	815	910	800	60.0	60.0	52.0	48,900	54,600	41,600
PA.....	220	215	180	215	210	175	37.0	50.0	44.0	7,955	10,500	7,700
SC.....	460	400	300	435	380	275	41.0	38.0	31.0	17,835	14,440	8,525
SD.....	1,600	1,850	1,500	1,350	1,600	1,300	26.0	36.0	35.0	35,100	57,600	45,500
TN.....	540	580	440	450	490	320	42.0	36.0	24.0	18,900	17,640	7,680
TX.....	6,700	6,700	6,200	3,000	4,200	2,800	20.0	31.0	30.0	60,000	130,200	84,000
UT.....	165	155	140	155	150	130	32.0	40.0	36.0	4,960	6,000	4,680
VA.....	300	290	280	275	260	250	46.0	47.0	49.0	12,650	12,220	12,250
WA.....	2,100	2,300	2,200	1,300	2,200	700	53.0	63.0	58.0	68,900	138,600	40,600
WV.....	16	15	13	12	12	10	43.0	46.0	45.0	516	552	450
WI.....	200	195	140	170	185	120	53.0	53.0	49.0	9,010	9,805	5,880
WY.....	215	220	210	193	205	190	22.0	29.0	29.0	4,246	5,945	5,510
US.....	55,091	56,948	51,049	41,509	49,901	39,396	35.0	40.7	34.8	1,454,642	2,030,874	1,372,182
Durum wheat ³												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AZ.....	85	45	40	84	44	39	90.0	94.0	95.0	7,560	4,136	3,705
CA.....	106	60	33	105	59	32	83.0	95.0	105.0	8,715	5,605	3,360
MN.....	30	30	30	29	30	30	36.0	44.0	32.0	1,044	1,320	960
MT.....	340	245	180	335	235	179	18.0	19.0	33.0	6,030	4,465	5,907
ND.....	3,100	3,100	2,900	3,000	3,050	2,850	22.0	34.0	31.0	66,000	103,700	88,350
SD.....	130	90	70	120	89	67	24.0	36.0	25.0	2,880	3,204	1,675
US.....	3,791	3,570	3,253	3,673	3,507	3,197	25.1	34.9	32.5	92,229	122,430	103,957

See footnotes at end of table.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1989-91—Continued

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
Other spring wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
CO.....	75	42	38	70	40	36	70.0	70.0	75.0	4,900	2,800	2,700
ID.....	580	460	470	560	450	460	62.0	68.0	71.0	34,720	30,600	32,660
MN.....	2,600	2,800	2,100	2,550	2,750	2,070	38.0	49.0	31.0	96,900	134,750	64,170
MT.....	3,500	2,800	2,600	3,400	2,450	2,400	25.0	22.0	34.0	85,000	53,900	81,600
NV.....	11	9	5	9	8	4	80.0	70.0	75.0	720	560	300
ND.....	7,600	8,000	7,000	7,250	7,700	6,850	24.0	36.0	31.0	174,000	277,200	212,350
OR.....	110	60	50	105	58	46	47.0	52.0	50.0	4,935	3,016	2,300
SD.....	2,200	2,200	1,800	2,050	2,100	1,750	22.0	32.0	28.0	45,100	67,200	49,000
UT.....	25	30	25	22	26	23	45.0	45.0	49.0	990	1,170	1,127
WA.....	1,000	300	1,500	970	280	1,450	43.0	41.0	40.0	41,710	11,480	58,000
WI.....	12	10	9	10	7	7	31.0	40.0	34.0	310	280	238
WY.....	20	12	7	11	6	4	42.0	28.0	30.0	462	168	120
US.....	17,733	16,723	15,604	17,007	15,875	15,100	28.8	36.7	33.4	489,747	583,124	504,565

¹ Area seeded in preceding fall for winter wheat. ² Preliminary. ³ Small additional quantities of durum wheat are grown in other than the States shown here but are included with "Other spring wheat."

National Agricultural Statistics Service.

Table 9.—Wheat: Price-support operations, United States, 1977-92

Marketing year June 1	Support price				Put under support ²		Acquired by CCC under support programs ³	Owned by CCC at end of market- ing year
	Per bushel		Percentage of parity ¹		Quantity	Percentage of production		
	Loan	Target	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1977/78.....	2.25	⁵ 2.00	44	57	591	29.0	2	⁴ 48
1978/79.....	2.35	3.40	45	65	256	14.2		50
1979/80.....	2.50	3.40	48	65	182	8.5	⁶ 157	⁷ 200
1980/81.....	⁵ 3.00	⁵ 3.63	46	56	331	14.0		⁷ 196
1981/82.....	⁵ 3.20	3.81	45	54	452	16.1	13	⁷ 187
1982/83.....	⁵ 3.55	4.05	49	56	646	23.0	⁸ 148	⁷ 192
1983/84.....	3.65	4.30	49	58	635	⁸ 26.2	⁸ 220	⁷ 188
1984/85.....	3.30	4.38	44	58	285	10.9	244	⁷ 378
1985/86.....	3.30	4.38	47	62	842	34.7	288	⁷ 602
1986/87.....	2.40	4.38	36	65	514	24.5	473	⁷ 830
1987/88.....	2.28	4.38	34	65	472	22.4	147	⁷ 283
1988/89.....	2.21	4.23	31	60	106	5.9	45	⁷ 191
1989/90.....	2.05	4.10	27	55	113	5.5	62	⁷ 117
1990/91.....	1.95	4.00	25	51	405	14.8	90	⁷ 163
1991/92.....	2.04	4.00	26	50	143	7.2	1	⁷ 152
1992/93 ⁹	2.21	4.00	28	50				

¹ Percentage of parity price at beginning of marketing year. ² Represents loans made, purchases, and agreements entered into. ³ Acquisition of all loans forfeited during the marketing year including farmer-owned reserve and other loans made in previous years. ⁴ Uncommitted CCC inventory. ⁵ Reserve loan levels: 1981—\$3.30; 1982—\$3.50; 1983—\$4.00. Reserve loans for other years beginning with 1977 crop same as shown in table. Target Prices: 1978—\$2.47 on under-planted allotment acreage; 1981—\$5.08 available to producers on farms where plantings exceeded the NCA. ⁶ Acquired through direct purchases by CCC for future Food Security Reserves. ⁷ Includes 147 million bushels in Food Security Reserve, except 131 million bushels in 1988/89 and 71 million bushels in 1989/90. ⁸ Includes acquisitions for payment-in-kind (PIK) program entitlements. ⁹ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 10.—Wheat: Marketing year average price and value, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per bushel			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	3.50	3.05	2.40	23,100	20,283	6,600
AZ.....	4.14	3.65	3.55	44,396	34,334	23,238
AR.....	3.71	3.12	2.75	195,888	152,880	56,265
CA.....	3.82	3.31	3.20	201,132	157,671	115,416
CO.....	3.66	2.46	3.05	227,401	214,235	225,700
DE.....	3.45	2.87	2.60	10,723	8,782	9,233
FL.....	3.50	2.80	2.15	6,598	5,082	1,236
GA.....	3.70	3.02	2.45	82,880	62,363	34,361
ID.....	3.67	2.53	3.50	335,419	252,066	280,911
IL.....	3.80	2.75	2.50	399,076	244,200	112,000
IN.....	3.83	2.84	2.65	198,854	143,250	76,320
IA.....	3.80	2.74	2.40	12,502	9,248	4,080
KS.....	3.74	2.51	2.85	798,864	1,184,720	1,034,550
KY.....	3.64	2.77	2.40	81,900	55,400	25,920
LA.....	3.90	3.25	2.75	42,315	41,828	10,450
MD.....	3.55	2.86	2.75	30,530	28,257	26,813
MI.....	3.63	2.40	2.80	123,130	99,000	67,424
MN.....	3.63	2.53	2.95	372,152	349,381	197,090
MS.....	3.70	3.07	2.70	56,610	47,892	12,150
MO.....	3.72	2.69	2.30	323,454	204,440	110,400
MT.....	3.66	2.65	3.10	530,779	384,440	495,118
NE.....	3.75	2.53	2.95	207,563	216,315	198,240
NV.....	3.55	2.48	2.90	4,260	2,386	1,959
NJ.....	3.55	3.09	2.65	4,846	3,853	3,169
NM.....	3.68	2.79	2.70	14,720	22,599	21,600
NY.....	3.50	2.70	2.50	20,475	19,184	13,475
NC.....	3.40	3.00	2.65	72,828	67,650	50,880
ND.....	3.45	2.46	2.85	836,054	944,863	864,608
OH.....	3.74	2.70	2.90	234,610	215,055	153,468
OK.....	3.79	2.57	2.85	583,281	518,112	399,000
OR.....	3.99	2.74	3.60	214,802	157,868	158,040
PA.....	3.55	2.83	2.80	28,240	29,715	21,560
SC.....	3.55	3.29	2.75	63,314	47,508	23,444
SD.....	3.60	2.52	2.90	298,986	320,875	278,321
TN.....	3.65	3.03	2.80	68,985	53,449	21,504
TX.....	3.79	2.74	2.70	227,400	356,748	226,800
UT.....	3.74	2.83	3.05	22,263	20,396	17,833
VA.....	3.45	2.95	2.65	43,643	36,049	32,463
WA.....	4.04	2.73	3.60	446,864	409,480	354,090
WV.....	3.80	2.67	2.80	1,961	1,474	1,260
WI.....	3.50	2.60	2.75	32,620	26,221	16,825
WY.....	3.62	2.40	3.00	17,046	14,675	16,890
US.....	3.72	2.61	2.95	7,542,464	7,184,427	5,800,704

¹ Preliminary.

National Agricultural Statistics Service.

Table 11.—Wheat: Area, yield, and production in specified countries, 1989/90–1991/92¹

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:									
Canada.....	13,627	14,393	14,515	1.80	2.27	2.26	24,578	32,709	32,822
Guatemala.....	23	15	10	1.48	1.53	1.50	34	23	15
Mexico.....	950	950	880	4.21	4.11	4.20	4,000	3,900	3,700
United States.....	25,167	28,038	23,348	2.20	2.66	2.31	55,428	74,473	53,906
Total.....	39,767	43,396	38,753	2.11	2.56	2.33	84,040	111,105	90,443
South America:									
Argentina.....	5,450	5,700	4,500	1.86	1.91	2.00	10,150	10,900	9,000
Bolivia.....	100	100	100	0.70	0.70	0.80	70	70	80
Brazil.....	3,355	3,300	2,100	1.65	0.94	1.43	5,550	3,100	3,000
Chile.....	583	466	484	2.95	3.41	2.89	1,717	1,590	1,400
Colombia.....	48	55	42	1.75	1.87	2.00	84	103	84
Ecuador.....	20	28	30	1.00	1.04	1.03	20	29	31
Paraguay.....	235	240	200	1.60	1.25	1.50	375	300	300
Peru.....	118	80	100	1.35	1.19	1.25	159	95	125
Uruguay.....	226	218	130	2.40	1.91	1.31	543	416	170
Total.....	10,135	10,187	7,686	1.84	1.63	1.85	18,668	16,603	14,190
Europe:									
Belgium-Luxembourg.....	220	224	223	6.27	6.22	6.87	1,478	1,394	1,533
Denmark.....	446	534	511	7.23	7.40	7.10	3,224	3,953	3,629
France.....	5,000	5,180	5,200	6.42	6.49	6.65	32,100	33,600	34,600
Germany.....	2,547	2,430	2,459	5.69	6.27	6.78	14,482	15,242	16,669
Greece.....	890	880	1,053	2.23	1.91	2.84	1,984	1,680	2,987
Ireland.....	62	72	88	7.65	8.35	7.84	474	601	690
Italy.....	2,943	2,773	2,678	2.52	2.92	3.47	7,413	8,108	9,289
Netherlands.....	138	141	123	7.59	7.63	7.71	1,047	1,076	948
Portugal.....	334	180	226	1.81	1.49	1.42	605	268	322
Spain.....	2,295	2,006	2,257	2.27	2.37	2.13	5,200	4,759	4,800
United Kingdom.....	1,106	2,050	1,989	6.66	6.83	7.29	14,030	14,000	14,500
Total EC.....	16,981	167,470	16,807	4.83	5.14	5.35	82,037	84,681	89,967
Austria.....	278	278	271	4.90	5.05	5.07	1,363	1,404	1,375
Finland.....	151	180	118	3.36	3.48	3.65	507	627	431
Malta and Gozo.....	1	1	1	3.00	3.00	3.00	3	3	3
Norway.....	37	45	50	4.24	5.27	4.80	157	237	240
Sweden.....	285	335	255	6.14	6.70	5.81	1,750	2,243	1,481
Switzerland.....	96	97	95	6.34	5.63	5.94	609	546	564
Total Western Europe..	17,829	17,406	17,597	4.85	5.16	5.35	86,426	89,741	94,061
Albania.....	209	215	150	2.92	2.86	2.00	611	615	300
Bulgaria.....	1,138	1,163	1,200	4.75	4.38	3.75	5,402	5,095	4,500
Czechoslovakia.....	1,241	1,241	1,208	5.12	5.41	5.15	6,356	6,715	6,216
Hungary.....	1,242	1,121	1,150	5.24	5.50	5.18	6,509	6,161	5,954
Poland.....	2,195	2,281	2,400	3.86	3.96	3.88	8,462	9,026	9,300
Romania.....	2,350	2,260	2,180	3.32	3.12	2.52	7,800	7,040	5,490
Yugoslavia.....	1,479	1,495	1,547	3.79	4.25	4.23	5,599	6,359	6,539
Total Eastern Europe...	9,854	9,776	9,835	4.13	4.20	3.89	40,739	41,011	38,299
Total Europe.....	27,683	27,182	27,432	4.59	4.81	4.83	127,165	130,752	132,360
Soviet Union (Europe and Asia).....	47,678	48,197	45,956	1.83	2.11	1.59	87,151	101,876	73,223
Africa:									
Algeria.....	1,470	1,550	1,570	0.78	0.50	1.11	1,150	775	1,740
Angola.....	7	5	5	0.57	0.60	0.80	4	3	4
Chad.....	4	4	3	1.50	1.50	1.33	6	6	4
Egypt.....	630	740	760	5.05	5.79	5.90	3,183	4,286	4,482
Ethiopia.....	666	660	725	1.25	1.24	1.20	833	816	870
Kenya.....	110	102	105	2.14	1.92	2.10	235	196	220
Lesotho.....	31	18	25	0.65	0.56	0.80	20	10	20
Libya.....	290	300	300	0.50	0.52	0.60	145	155	180
Morocco.....	2,630	2,720	2,642	1.49	1.33	1.87	3,927	3,614	4,939

See footnotes at end of table.

Table 11.—Wheat: Area, yield, and production in specified countries, 1989/90–1991/92 ¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Con.									
Mozambique.....	2	4	3	1.00	1.25	1.00	2	5	3
Nigeria.....	50	60	50	1.20	0.83	1.20	60	50	60
South Africa, Republic of.....	1,831	1,550	1,418	1.11	1.10	1.53	2,026	1,702	2,163
Sudan.....	275	350	375	1.49	1.43	1.39	410	500	520
Tanzania, United Republic of.....	54	52	50	1.76	2.02	1.70	95	105	85
Tunisia.....	557	869	1,050	0.75	1.29	1.70	420	1,122	1,786
Zaire.....	9	9	9	1.67	1.67	1.67	15	15	15
Zambia.....	8	9	9	5.88	5.22	6.11	47	47	55
Zimbabwe.....	50	55	45	5.68	5.91	5.78	284	325	260
Total.....	8,674	9,057	9,144	1.48	1.52	1.90	12,862	13,732	17,406
Asia:									
Afghanistan.....	1,619	1,600	1,600	1.19	1.03	1.03	1,925	1,650	1,650
Bangladesh.....	592	599	600	1.50	1.68	1.83	890	1,004	1,100
Bhutan.....	13	13	13	1.54	1.54	1.54	20	20	20
Burma.....	121	130	135	1.02	1.04	1.04	124	135	140
China (Mainland).....	29,841	30,753	30,948	3.04	3.19	3.10	90,807	98,229	96,000
Cyprus.....	13	5	7	0.77	1.00	1.00	10	5	7
India.....	24,109	23,502	23,977	2.24	2.12	2.27	54,110	49,850	54,522
Iran.....	6,260	6,500	6,650	0.96	1.26	1.34	6,010	8,200	8,900
Iraq.....	587	1,250	1,000	0.84	0.92	0.90	491	1,150	900
Israel.....	90	90	90	2.23	2.89	1.94	201	260	175
Japan.....	284	260	239	3.47	3.66	3.18	985	952	759
Jordan.....	90	69	79	0.96	1.29	0.51	86	89	40
Korea, Democratic People's Rep. of.....	210	210	210	3.81	3.81	3.81	800	800	800
Korea, Republic of.....	1	1	1	1	1	1	1	1	1
Lebanon.....	10	10	10	1.4	2	1.8	14	20	18
Mongolia.....	475	475	475	1.37	1.26	1.26	650	600	600
Nepal.....	599	604	550	1.39	1.42	1.55	830	855	855
Pakistan.....	7,730	7,845	7,911	1.87	1.84	1.84	14,419	14,429	14,565
Saudi Arabia.....	730	710	740	4.39	5.07	5.41	3,208	3,600	4,000
Syria.....	744	1,100	1,269	1.21	1.57	1.68	900	1,726	2,135
Taiwan.....	1	1	1	4.00	4.00	4.00	4	4	4
Turkey.....	8,700	8,750	8,800	1.44	1.83	1.88	12,500	16,000	16,500
Yemen.....	75	77	77	1.20	1.26	1.26	90	97	97
Total.....	82,894	84,554	85,382	2.28	2.36	2.39	189,075	199,676	203,788
Oceania:									
Australia.....	9004	9236	7800	1.58	1.63	1.28	14,214	15,068	10,000
New Zealand.....	38	41	37	3.55	4.59	4.76	135	188	176
Total.....	9,042	9,277	7,837	1.59	1.60	1.58	14,349	15,256	10,176
World total.....	216,960	231,658	223,621	2.45	2.54	2.44	531,816	588,182	546,008

¹ Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1988 is combined with estimates for the Southern Hemisphere Harvests, which begin late in 1988 and end early in 1989.

² Harvested area as far as possible. ³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 12.—Wheat and flour: United States imports, 1977-91

Year beginning June	Wheat ¹		Flour (wheat equivalent)	Other products (wheat equivalent) ²	Total wheat, flour, and other products
	Suitable for milling	Unfit for human consumption			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977	424	2	20	1,475	1,921
1978	18	15	45	1,772	1,850
1979	155	50	62	1,869	2,136
1980	128	58	200	2,148	2,534
1981	59	14	357	2,423	2,853
1982	3,901	35	624	3,036	7,596
1983	68	10	336	3,426	3,840
1984	4,825	3	329	4,283	9,440
1985	11,340	71	475	4,400	16,287
1986	14,837	984	416	5,013	21,250
1987	9,020	969	755	5,342	16,086
1988	15,851	n.a.	539	6,259	22,649
1989	13,548	n.a.	502	9,381	23,431
1990	25,540	n.a.	903	9,932	36,375
1991		n.a.			35,000

¹ Starting January 1989, Census ceased reporting wheat suitable for milling and unfit for human consumption.

² Includes macaroni, semolina, and similar products. Beginning in 1988/89 total wheat grain is reported under the suitable for milling column. n.a.=not available.

Economic Research Service.

Table 13.—Wheat and flour: United States exports under specified Government programs, 1977-90

Year :	Local currency ²	Public Law 480			Foreign Donations Sec. 416(b) ⁵	Mutual security (AID) ⁷	Total specified Government programs
		Title I sales	Title II donations				
		Long-term dollar and convertible foreign currency credit sales ³	Government- to- government and World Food Program ⁴	Voluntary relief agencies ⁵			
		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977		119,225	6,313	11,487		12,520	149,545
1978		126,819	5,968	9,808		243	142,838
1979		107,288	8,724	7,064		2,147	125,218
1980		101,052	9,659	7,158		153	118,022
1981		110,046	14,312	8,614			132,972
1982		113,322	22,081	8,724		6,805	150,932
1983		120,670	19,114	17,117			156,901
1984		151,605	23,188	8,930		2,726	186,449
1985		134,159	18,865	7,101	1,849	17,124	179,098
1986	3,953	150,840	9,597	5,831	15,413	28	185,662
1987	3,181	111,996	14,804	16,119	44,173	10,713	200,986
1988	4,103	91,596	18,111	12,473	5,044	30,168	161,496
1989	2,620	90,501	13,998	13,558	1,892	1,026	123,590
1990*							

¹ Year beginning Oct. 1.

² Authorized by the Food Security Act of 1985.

³ Shipments under agreements,

authorized by Title I, P.L. 480 amended by P.L. 89-808. ⁴ Authorized by Title II, P.L. 480. ⁵ Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. ⁶ Section 416(b) of the Agricultural Act of 1949, as amended. ⁷ Foreign Assistance Act of 1961, as amended.

*Not available.

Economic Research Service.

Table 14.—Wheat and flour: ¹ International trade, 1989-91

Country	Year beginning July					
	1989		1990		1991 ²	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Principal exporters:						
Canada	17,000	1	20,524	1	2,400	20
United States ³	33,516	637	28,328	935	34,200	800
Argentina	5,609	0	4,700	0	5,500	0
Australia	10,846	0	11,753	0	8,400	0
Bulgaria	450	100	200	300	0	100
France	18,147	516	18,503	462	18,000	200
Romania	300	0	100	600	0	500
Sweden	668	49	1,253	47	390	37
Turkey	194	3,686	733	189	4,500	166
Greece	1,012	313	816	373	880	250
Hungary	1,450	0	800	0	2,000	0
Germany	3,050	2,200	4,000	3,100		
Total ⁴	92,294	7,227	88,450	6,540		
Principal importers:						
Cuba	0	1,228	0	1,378		1,250
Brazil	0	1,518	0	2,805		5,000
Peru	0	687	0	835		900
Belgium and Luxembourg	1,118	1,425	1,504	2,072	1,660	2,250
Netherlands	2,644	3,285	1,301	1,677	500	1,700
United Kingdom	3,783	897	4,165	856	4,600	800
Yugoslavia	982	11	198	27	500	200
Spain	527	97	421	1,380	1,700	400
Egypt	0	7,258	0	5,668		6,000
India	20	119	400	150	400	100
Indonesia	0	1,863	0	1,973		2,100
Israel	0	673	0	764		700
Japan	364	5,630	359	5,622	5,750	365
Korea, Rep. of	0	2,000	0	4,200		4,700
Malaysia	45	701	69	1,039	1,050	80
Pakistan	0	1,916	0	1,025		2,000
Philippines	0	1,314	0	1,470		1,724
Italy	2,529	4,889	2,700	5,500	3,600	7,300
Soviet Union	500	14,600	500	12,000		
Algeria	0	4,160	0	4,600	0	4,000
Morocco	0	1,069	0	1,941		1,650
Syria	0	1,171	0	1,545		1,000
Tunisia	0	964	0	1,022	0	450
Poland	0	1,370	50	500		
China (Mainland)	0	13,000	0	9,500	15,500	0
Taiwan	0	803	0	805	0	900
Portugal	5	387	28	749	0	733
South Africa	500	134	114	940	120	190
Saudi Arabia	1,583	160	1,661	184	2,800	180
Sri Lanka	0	766	0	563	0	650
Venezuela	0	862	0	1,110		1,000
Vietnam	0	219	0	121		125
Total ⁴	12,560	73,723	12,615	73,765		

¹ Flour reported in terms of grain equivalent. ² Preliminary. ³ United States exports exclude exports of flour milled in bond from imported wheat. ⁴ Total for indicated countries only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 15.—Wheat and flour: ¹ United States exports (domestic) by country of destination, 1989 and 1990/91

Country of destination	Year ²		Country of destination	Year ²	
	1989	1990/91		1989	1990/91
	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons
Wheat:			Wheat flour, wholly of U.S. wheat:		
Mexico.....	322.3	338.6	Central America.....	5.0	5.6
Central America.....	739.5	724.7	Jamaica.....	0	0
Caribbean.....	552.9	529.2	Trinidad and Tobago.....	.8	.3
Brazil.....	33.1	609.6	Other Caribbean.....	75.9	
Chile.....	47.5	38.6	Bolivia.....	43.4	50.9
Colombia.....	429.1	562.6	Brazil.....		8.6
Ecuador.....	385.4	280.3	Chile.....	0	0
Peru.....	206.2	163.9	Colombia.....	.7	1.7
Venezuela.....	693.8	326.3	Guyana.....		0
Other Americas.....			Other Americas.....	106.3	
Total Americas.....	2,988.4		Total Americas.....	232.1	
Belgium and Luxembourg....	140.8	117.8	Greece.....		.1
France.....	.1	.1	Netherlands.....	.5	.2
Germany, Fed. Rep. of.....	.1	.2	Portugal.....	0	0
Italy.....	450.2	431	Other Europe.....	2	
Netherlands.....	1.9	11.1	Total Europe.....	2.5	
Norway.....	.1	74.6	Sri Lanka.....	53.8	60.9
Portugal.....	145.1	38.8	Japan.....	.4	.3
Spain.....	17.3	25.1	Jordan.....	2.4	2.4
Switzerland.....	1.6	3.6	Korea, Rep. of.....	.1	0
United Kingdom.....	25.3	11.6	Lebanon.....	0	0
Other Europe.....	135.6		Philippines.....	5.1	.1
Soviet Union.....	3,738.6	2,451	Saudi Arabia.....	0	0
Total Europe and Soviet Union.....	4,656.2		Other Asia.....	96.7	
India.....	36.7	10.7	Total Asia.....	280.0	
Iran.....			Egypt.....	618.3	393.2
Israel.....	469.4	450.3	Morocco.....	18.3	14
Japan.....	2,923.7	3,106.4	Other Africa.....	113.2	174.4
Korea, Rep. of.....	1,584.9	1,705.7	Total Africa.....	749.8	
Lebanon.....		0	Oceania.....	3.5	
Pakistan.....	1,181.4	691.6	World total.....	1,205.9	
Philippines.....	860.1	1,350.3	Relief or charity ³		
Syria.....	0	0			
China.....	3,825.3	3,650			
Taiwan.....	714.6	724.5			
Turkey.....	251.7	0			
Other Asia.....	2,772.7				
Algeria.....	700.8	1,247.3			
Morocco.....	530.6	495.7			
South Africa.....	100.5	0			
Tunisia.....	283.9	458.4			
Other Africa.....	3,075.0				
Other countries.....	1,238.4				
World total.....	28,093.7				
Relief or charity ³					

¹ Flour reported in terms of grain equivalent. ² Year beginning Oct. 1. ³ Discontinued on Census code after 1988.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 16.—Wheat and flour: Recorded exports of wheat and flour through the International Wheat Agreement, crop year 1989-90 ¹

Member country imports	Member country exports						Grand total
	United States	Canada	European Community	Australia	Argentina	Other	
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Austria			0.51			7.9	8.4
Barbados	20.6	5.4	0.14				26.1
Bolivia	160.6	12.5	13.3				186.4
Brazil	133.2	216.4	0.02		1,164		1,513.2
Costa Rica	148.2	0.59					148.8
Cuba		500.2	529.3		128	75.7	1,233.2
Dominican Republic	204.1	10.3					214.4
Ecuador	390.7	14					404.7
Egypt							
El Salvador	161.1	4					165.1
European Community:							
Belgium	129.8	68.8					198.7
Denmark	0.01						0.01
France	0.44	0.007					0.5
Germany, Fed. Rep. of	0.14	0.02		0.31		0.59	1.1
Italy	501.9	367				16.7	885.6
Netherlands	2.2	9.44				0.4	12
United Kingdom	29.4	273.7		0.05			303.14
Greece		0.92					0.92
Portugal		83.48				186.5	430.4
Spain		15					32.1
Finland	28.19	11.28					39.6
Guatemala	166.08	1.39					167.47
India	149.4	11.59					160.99
Iran		1,282.23	693.89	1,668.91	1,610.53		5,233.03
Iraq	983.34	842.94	7.01	1,666.46			3,899.75
Israel	630.62		42.88				673.5
Japan	2,806.73	1,439.64		1,096.63			5,343
Kenya	18.25	13.2	33.03		26.8	12.8	104.08
Korea, Rep. of	1,529.51	21.09	0.04	229.9			1,780.53
Lebanon		5.46	98.4				103.89
Libya	189.62		469.45			98.9	757.97
Malta			21.21			24.1	45.31
Mauritius	1.1		59.21	22.36			82.67
Morocco	33.71	522.35	33.71				1,069.21
Nigeria	4		4.2				8.2
Norway	83.33	25.37	40.38			87.7	236.8
Pakistan	72.78	1,259.46	101.73	454.98			1,888.94
Panama		74.23	0.07				74.3
Peru	4.48	258.14	30.93		416.15		709.7
Saudi Arabia		0.93	3.1				4
South Africa	123.43		8.44	0.39			132.27
Sweden	0.08		11.9				12.09
Switzerland	107.51	55.58	67.66	0.19		3.97	234.92
Syria	11.19	4.52	1,175.3		94.82		1,285.83
Trinidad and Tobago	3.8	88.33	31.75				123.88
Tunisia	21.37	326.31	611.93			14	973.61
Turkey	52.11	640.5	1,543.24		514.3	171	2,920.38
United Kingdom ²	273.73	29.36		0.05			303.14
Territories			1.6				1.6
United States	331.19		4.88	0.01			336.08
Soviet Union	3,545.83	15.65	792.95		495.83	1,755	1,4695.5
Vatican City							
Venezuela	142.81	718.36					861.17
Others	0.55	698.96	67.31	0.11			402
Total	13,214.23	9,928.62	6,438.96	5,140.35	4,450.43	2,447.3	4,9921.78

¹ Data in this table are limited to exports and imports of wheat and flour during July 1, 1988 through June 30, 1989 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 30 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA. Flour reported in terms of grain equivalent. ² Included are Hong Kong, Gibraltar, Bermuda, and Virgin Islands.

Foreign Agricultural Service. Data from International Wheat Council Report.

Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1977–91

Year	Area		Yield per harvested acre	Production	Used on farms where produced for seed and fed to livestock	Sold	Marketing year average price per bushel received by farmers ²	Value of production ²
	Planted ¹	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1977.....	2,555	677	24.4	16,543	3,758	12,785	2.06	34,539
1978.....	2,865	926	26.0	24,065	4,957	19,108	1.99	48,520
1979.....	2,839	850	25.7	21,887	4,521	17,868	2.07	46,086
1980.....	2,488	650	24.6	15,958	(*)	(*)	2.63	41,988
1981.....	2,566	685	26.6	18,187	(*)	(*)	3.00	55,004
1982.....	2,533	677	28.9	19,533	(*)	(*)	2.44	47,642
1983.....	2,707	892	30.3	27,008	(*)	(*)	2.17	58,656
1984.....	2,971	979	33.1	32,407	(*)	(*)	2.00	64,953
1985.....	2,543	708	28.8	20,373	(*)	(*)	2.03	41,284
1986.....	2,334	661	28.8	19,067	(*)	(*)	1.48	28,302
1987.....	2,428	671	29.1	19,526	(*)	(*)	1.62	31,641
1988.....	2,374	595	24.7	14,689	(*)	(*)	2.52	37,006
1989.....	2,014	484	28.2	13,647	(*)	(*)	2.06	28,099
1990.....	1,625	375	27.1	10,176	(*)	(*)	2.09	21,298
1991 ⁴	1,671	396	24.6	9,761	(*)	(*)	2.15	21,198

¹ Area planted in preceding fall. ² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable, prior to 1979. ³ Estimates discontinued.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 18.—Rye: Supply and disappearance, United States, 1977–91

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Begin- ning stocks	Produc- tion	Imports	Total	Domestic use					Exports	Total disap- pearance	
					Food	Seed	Indus- try	Feed ¹	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977	4,414	16,543	127	21,084	3,648	4,584	1,875	6,984	17,091	24	17,115	3,969
1978	3,969	24,065	145	28,179	3,690	4,644	2,383	8,130	18,847	359	19,206	8,973
1979	8,973	22,389	7	31,369	3,523	4,034	2,116	7,304	16,977	2,422	19,399	11,970
1980	11,970	16,483	10	28,463	3,515	4,150	2,050	7,224	16,939	7,494	24,433	4,030
1981	4,030	18,822	432	23,284	3,458	4,160	2,242	8,883	18,743	1,529	20,272	3,012
1982	3,012	19,533	3,000	25,545	3,300	4,400	2,300	9,523	19,523	200	19,723	5,822
1983	5,822	27,008	1,600	34,430	3,500	4,700	2,100	11,919	22,219	1,000	23,219	11,211
1984	11,211	32,407	600	44,218	3,500	4,100	2,000	14,312	23,912	400	24,312	19,906
1985	19,906	20,373	2,200	42,479	3,500	3,800	2,100	11,010	20,410	200	20,610	21,869
1986	21,869	19,067	1,000	41,936	3,500	3,700	2,000	13,653	22,853	500	23,353	18,583
1987	18,583	19,526	1,204	39,313	3,500	3,800	2,000	10,601	19,901	500	20,401	18,912
1988	18,912	14,689	200	33,801	3,500	3,200	2,000	11,379	20,079	3,400	23,479	10,322
1989	10,322	13,647	30	23,999	3,500	3,000	2,000	9,068	17,568	800	18,368	5,631
1990	5,631	10,176	3,895	19,702	3,500	3,000	2,000	7,670	16,170	213	16,383	3,319
1991 ²	3,319	9,761	5,000	18,080	3,500	3,000	2,000	6,480	14,980	100	15,080	3,000

¹ Residual, approximates total feed use. ² Preliminary. Totals may not add due to independent rounding.

Economic Research Service.

Table 19.—Rye: Area, yield, and production, by States, 1989-91

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
CO.....	25	15	15	4	3	3	20.0	28.0	26.0	80	84	78
DE.....	17	(³)	(³)	2	(³)	(³)	35.0	(³)	(³)	70	(³)	(³)
GA.....	320	300	330	70	60	65	23.0	22.0	20.0	1,610	1,320	1,300
IL.....	50	45	60	8	5	6	39.0	33.0	27.0	312	165	162
IN.....	45	30	25	6	4	4	34.0	31.0	25.0	204	124	100
IA.....	25	(³)	(³)	5	(³)	(³)	37.0	(³)	(³)	185	(³)	(³)
KS.....	45	35	70	5	5	5	16.0	26.0	23.0	80	130	115
KY.....	50	(³)	(³)	2	(³)	(³)	32.0	(³)	(³)	64	(³)	(³)
MD.....	40	45	35	8	7	7	27.0	30.0	32.0	216	210	224
MI.....	120	135	125	25	20	18	33.0	29.0	20.0	825	580	360
MN.....	60	55	36	32	28	24	34.0	31.0	27.0	1,088	868	648
MO.....	25	(³)	(³)	3	(³)	(³)	30.0	(³)	(³)	90	(³)	(³)
NE.....	160	110	130	30	30	50	20.0	25.0	20.0	600	750	1,000
NJ.....	47	50	42	7	6	6	26.0	24.0	32.0	182	144	192
NY.....	80	60	50	15	10	8	32.0	26.0	33.0	480	260	264
NC.....	150	100	110	25	15	20	21.0	23.0	25.0	525	345	500
ND.....	45	35	40	38	26	32	28.0	30.0	31.0	1,064	780	992
OH.....	40	40	40	5	5	5	31.0	35.0	31.0	155	175	155
OK.....	100	95	110	28	20	35	19.0	21.0	19.0	532	420	665
OR.....	20	(³)	(³)	3	(³)	(³)	25.0	(³)	(³)	75	(³)	(³)
PA.....	70	60	45	18	16	11	32.0	31.0	27.0	576	496	297
SC.....	80	60	68	28	27	30	23.0	22.0	21.0	644	594	630
SD.....	100	60	50	90	55	32	36.0	34.0	36.0	3,240	1,870	1,152
TX.....	90	100	100	7	10	12	18.0	14.0	19.0	126	140	228
VA.....	140	110	100	8	8	8	33.0	32.0	33.0	264	256	264
WI.....	70	85	90	12	15	15	30.0	31.0	29.0	360	465	435
US.....	2,014	1,625	1,671	484	375	396	28.2	27.1	24.6	13,647	10,176	9,761

¹ Relates to the total area of rye sown for all purposes; area planted in preceding fall.² Preliminary.³ Estimates discontinued.

National Agricultural Statistics Service.

Table 20.—Rye: Marketing year average price and value, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per bushel			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
CO.....	1.65	1.70	1.80	132	143	140
DE.....	2.85	(²)	(²)	200	(²)	(²)
GA.....	2.26	2.30	2.50	3,689	3,036	3,250
IL.....	2.10	2.10	2.15	655	347	348
IN.....	2.10	2.20	2.30	428	273	230
LA.....	1.80	(²)	(²)	333	(²)	(²)
KS.....	1.70	1.55	1.70	136	202	196
KY.....	1.71	(²)	(²)	109	(²)	(²)
MD.....	2.85	2.32	2.55	616	487	571
MI.....	1.70	1.65	1.70	1,408	957	612
MN.....	1.66	1.69	1.60	1,806	1,467	1,037
MO.....	2.80	(²)	(²)	252	(²)	(²)
NE.....	1.90	2.00	2.05	1,140	1,500	2,050
NJ.....	3.35	3.70	3.60	610	533	691
NY.....	2.55	2.55	2.50	1,224	663	660
NC.....	2.90	2.20	1.95	1,523	759	975
ND.....	1.67	1.60	1.65	1,777	1,248	1,637
OH.....	3.50	3.00	3.00	543	525	465
OK.....	2.00	2.40	2.40	1,064	1,008	1,596
OR.....	1.90	(²)	(²)	143	(²)	(²)
PA.....	3.25	3.10	3.10	1,872	1,538	921
SC.....	2.05	2.32	2.50	1,320	1,378	1,575
SD.....	1.70	1.76	1.85	5,508	3,291	2,131
TX.....	2.05	2.20	2.10	258	308	479
VA.....	2.40	2.30	2.40	634	589	634
WI.....	2.15	2.25	2.30	774	1,046	1,000
US.....	2.06	2.09	2.15	28,099	21,298	21,198

¹ Preliminary. ² Estimates discontinued.
National Agricultural Statistics Service.

Table 21.—Rye: Price-support operations, United States, 1977-92

Marketing year June 1	Support price		Put under support ²		Acquired by CCC under support program ³	Owned by CCC at end of the marketing year
	Per bushel	Percentage of parity ¹	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1977.....	1.70	61	.9	5.4	.....	.....
1978.....	1.70	56	3.0	11.5	.....	.....
1979.....	1.79	51	1.9	8.5	.....	.....
1980.....	1.91	51	.4	2.4	.....	.....
1981.....	2.04	48	.5	2.6	.....	.....
1982.....	2.17	48	1.7	8.1	1.4	(*)
1983.....	2.25	47	5.3	19.6	1.4	1.2
1984.....	2.17	45	10.1	30.9	4.9	5.1
1985.....	2.17	47	4.1	19.9	9.9	16.0
1986.....	1.63	38	5.9	30.3	2.6	15.6
1987.....	1.55	38	8.6	43.4	1.6	15.8
1988.....	1.50	37	.3	2.0	8	8.2
1989.....	1.40	32	.6	4.4	.....	2.6
1990.....	1.33	31	.2	2.0	.....	1.0
1991.....	1.38	32	.1	1.0	.....	.....
1992.....	1.46	34	.....	.....	.....	.....

¹ Percentage of parity price as of the beginning of the marketing year. ² Includes loans made, purchases, and purchase agreements entered into. ³ Acquisitions of all loans forfeited during the marketing year including loans made in previous years.
Agricultural Stabilization and Conservation Service.

Table 22.—Rye: Area, yield, and production in specified countries, 1989/90–1991/92¹

Continent and country	Area ²			Yield per hectares			Production		
	1989/ 90	1990/ 91	1991/ 92 ³	1989/ 90	1990/ 91	1991/ 92 ³	1989/ 90	1990/ 91	1991/ 92 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	501	419	190	1.74	1.70	1.86	873	713	354
United States.....	196	152	160	1.77	1.70	1.55	347	258	248
Total.....	697	571	350	1.75	1.70	1.72	1,220	971	602
South America:									
Argentina.....	84	101	55	0.83	0.95	0.82	70	96	45
Brazil.....	4	5	5	1.00	1.00	1.20	4	5	6
Chile.....	5	5	5	2.00	2.00	2.00	10	10	10
Total.....	93	111	65	0.90	1.00	0.94	84	111	61
Europe:									
Belgium-Luxembourg.....	11	4	3	5.09	3.50	5.00	56	14	15
Denmark.....	101	110	74	4.82	4.95	5.24	487	545	388
France.....	75	65	65	3.60	3.69	3.69	270	240	240
Germany.....	1,003	1,045	707	3.86	3.87	4.66	3,867	4,045	3,297
Greece.....	15	15	15	2.00	2.00	2.00	30	30	30
Italy.....	8	8	8	2.63	2.63	2.50	21	21	20
Netherlands.....	7	9	7	4.71	4.00	4.86	33	36	34
Portugal.....	122	98	106	0.80	0.79	0.66	98	77	70
Spain.....	227	202	197	1.48	1.32	1.23	336	267	242
United Kingdom.....	7	7	9	5.14	5.14	5.56	36	36	50
Total EC.....	1,576	1,563	1,191	3.32	3.40	3.68	5,234	5,311	4,386
Austria.....	91	93	85	4.19	4.26	4.12	381	396	350
Finland.....	69	81	10	2.84	3.01	2.70	196	244	27
Norway.....	1	1	1	3.00	3.00	4.00	3	3	4
Sweden.....	68	71	42	4.69	4.72	3.93	319	335	165
Switzerland.....	4	3	4	5.50	5.67	5.50	22	17	22
Total Western Europe.....	1,809	1,812	1,333	3.40	3.48	3.72	6,155	6,306	4,954
Albania.....	13	12	10	0.69	0.83	1.00	9	10	10
Bulgaria.....	30	30	30	1.50	1.50	1.33	45	45	40
Czechoslovakia.....	175	171	127	4.05	4.26	3.80	708	729	482
Hungary.....	97	92	93	2.06	2.46	2.38	200	226	221
Poland.....	2,275	2,314	2,290	2.73	2.61	2.58	6,216	6,044	5,919
Romania.....	40	37	37	1.95	1.78	1.89	78	66	70
Yugoslavia.....	37	38	35	2.03	1.89	2.03	75	72	71
Total Eastern Europe.....	2,667	2,694	2,622	2.75	2.67	2.60	7,331	7,192	6,813
Total Europe.....	4,476	4,506	3,955	3.01	3.00	2.98	13,486	13,498	11,767
Soviet Union (Europe and Asia).....	10,747	10,570	8,529	1.70	2.10	1.50	18,288	22,164	12,802
Africa:									
South Africa, Republic of.....	20	20	20	0.15	0.15	0.15	3	3	3
Asia:									
Turkey.....	210	180	170	1.52	1.33	1.41	320	240	240
Oceania:									
Australia.....	29	32	40	0.38	0.56	0.50	11	18	20
World Total.....	16,272	15,990	13,129	2.05	2.31	1.94	33,412	37,005	25,495

¹ Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow: thus the crop harvested in the Northern Hemisphere in 1986 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1986 and end early in 1987. ² Harvested area as far as possible. ³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign Governments, other foreign source materials, reports of Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

RICE

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Table 23.—Rice, rough: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Marketing year average price per cwt. received by farmers ¹	Value of production ¹
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1977.....	2,261.0	2,249.0	4,412	99,223	814	98,409	9.49	941,248
1978.....	2,993.0	2,970.0	4,484	133,170	602	132,568	8.16	1,087,000
1979.....	2,890.0	2,869.0	4,599	131,947	851	131,096	10.50	1,383,993
1980.....	3,380.0	3,312.0	4,413	146,150	(²)	(²)	12.80	1,873,007
1981.....	3,827.0	3,792.0	4,819	182,742	(²)	(²)	9.05	1,654,413
1982.....	3,295.0	3,262.0	4,710	153,637	(²)	(²)	7.91	1,246,608
1983.....	2,190.0	2,169.0	4,598	99,720	(²)	(²)	8.57	874,004
1984.....	2,830.0	2,802.0	4,954	138,810	(²)	(²)	8.04	1,119,373
1985.....	2,512.0	2,492.0	5,414	134,913	(²)	(²)	6.53	893,377
1986.....	2,381.0	2,360.0	5,551	133,356	(²)	(²)	3.75	495,505
1987.....	2,356.0	2,333.0	5,555	129,603	(²)	(²)	7.27	971,167
1988.....	2,933.0	2,900.0	5,514	159,897	(²)	(²)	6.83	1,091,817
1989.....	2,731.0	2,687.0	5,749	154,487	(²)	(²)	7.35	1,134,039
1990.....	2,897.0	2,823.0	5,529	156,088	(²)	(²)	6.70	1,047,242
1991 ³	2,857.0	2,750.0	5,617	154,457	(²)	(²)	7.55	1,166,077

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable, prior to 1982. ² Estimates discontinued. ³ Preliminary.

National Agricultural Statistics Service.

Table 24.—Rice, rough: Stocks on and off farms, United States, 1977-92

Year	On farms			Off farms ¹		
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1977.....	21,006	6,761	709	79,142	61,614	32,642
1978.....	8,269	3,157	586	68,813	49,898	20,542
1979.....	28,089	14,381	623	67,828	53,139	24,515
1980.....	31,021	12,030	563	72,897	55,368	19,530
1981.....	26,179	5,977	208	69,934	43,815	9,632
1982.....	48,404	26,807	4,453	82,980	63,473	36,934
1983.....	34,551	23,778	6,032	100,421	85,255	57,125
1984.....	30,681	15,802	1,250	84,028	63,964	38,456
1985.....	32,426	18,709	697	94,846	77,333	58,453
1986.....	36,737	22,232	2,031	105,746	93,985	68,916
1987.....	³ 36,264	⁴ 19,561	984	³ 109,276	⁴ 87,225	40,819
1988.....	³ 29,789	⁴ 10,104	1,242	³ 85,631	⁴ 65,494	22,506
1989.....	³ 39,581	⁴ 27,266	1,176	³ 92,107	⁴ 62,784	17,411
1990.....	³ 40,040	⁴ 15,965	599	³ 76,333	⁴ 61,989	18,554
1991.....	³ 37,662	⁴ 19,345	852	³ 75,505	⁴ 53,082	17,843
1992 ²	³ 37,249	⁴ 20,658	1,109	³ 76,541	⁴ 55,125	19,278

¹ Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.

² Preliminary. ³ Estimate for December 1, previous year. ⁴ Estimate for March 1.

National Agricultural Statistics Service.

Table 25.—Rice, by length of grain: Area, yield, and production, United States, 1977-91

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
1977	1,467.0	595.0	187.0	4,240	4,415	5,746	62,206	26,272	10,745
1978	1,925.0	816.6	228.4	4,405	4,464	5,221	84,792	36,454	11,924
1979	1,940.0	749.0	180.0	4,159	5,397	6,019	80,692	40,421	10,834
1980	2,170.0	1,003.6	138.4	4,002	5,122	5,702	86,851	51,407	7,892
1981	2,482.0	1,150.2	159.8	4,449	5,347	6,770	110,426	61,497	10,819
1982	2,175.0	950.5	136.5	4,295	5,402	6,499	93,424	51,342	8,871
1983	1,543.0	511.0	115.0	4,168	5,360	6,969	64,318	27,388	8,014
1984	2,095.0	604.0	103.0	4,584	5,845	7,259	96,029	35,304	7,477
1985	1,942.0	470.5	79.5	5,168	6,050	7,650	100,367	28,464	6,082
1986	1,806.0	498.0	56.0	5,358	6,474	7,757	96,773	32,239	4,844
1987	1,698.0	594.0	41.0	5,241	6,339	7,212	88,995	37,651	2,957
1988	2,233.0	616.0	51.0	5,345	5,989	7,141	119,364	36,891	3,642
1989	1,998.0	638.0	51.0	5,464	6,495	7,618	109,161	41,441	3,885
1990	2,065.0	745.0	13.0	5,221	6,353	7,338	107,806	47,328	954
1991 ¹	2,022.0	717.0	11.0	5,393	6,219	7,455	109,049	44,589	820

¹ Preliminary.

National Agricultural Statistics Service.

Table 26.—Rice, rough, by length of grain: Stocks in all positions, United States, 1977-92

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1977	54,987	32,262	12,950	.....	36,532	29,129	17,523	5,376	8,629	6,984	2,878	722
1978	42,641	28,929	9,624	.....	26,617	18,634	9,327	2,804	7,824	5,492	2,177	424
1979	54,785	36,222	11,049	.....	30,878	23,559	10,776	2,698	10,254	7,739	3,313	684
1980	62,318	40,062	10,515	.....	32,645	21,125	6,783	257	8,955	6,211	2,795	326
1981	54,909	27,132	4,869	.....	34,928	18,154	3,637	301	6,276	4,506	1,334	89
1982	72,440	44,208	14,578	.....	53,268	42,589	26,098	13,922	5,676	3,488	711	319
1983	71,051	50,339	21,335	170	56,340	52,754	37,795	21,990	7,581	5,940	4,027	1,830
1984	59,258	36,459	12,627	119	49,011	39,180	24,524	16,124	6,440	4,127	2,555	1,617
1985	74,691	56,393	34,517	2,111	44,807	33,907	21,194	12,408	7,774	5,742	3,439	1,671
1986	101,367	81,916	45,630	2,668	35,754	29,646	22,244	12,749	5,362	4,655	3,073	1,464
1987	101,298	70,224	22,397	1,721	38,864	32,779	18,034	11,454	5,378	3,783	1,372	675
1988	72,008	44,715	14,349	374	39,535	28,498	8,553	3,627	3,877	3,385	840	269
1989	94,594	64,091	11,405	826	33,229	23,290	6,091	1,387	3,865	2,669	1,091	501
1990	78,791	50,498	8,711	1,187	33,051	24,059	8,658	1,698	4,531	3,397	1,784	1,272
1991	72,196	44,479	8,088	947	38,716	26,139	9,456	5,332	2,255	1,809	1,201	974
1992 ²	70,182	43,753	8,886	.....	41,915	30,950	10,889	.....	1,693	1,080	612	.....

¹ California only. ² Estimate for December 1, previous year. ³ Estimate for March 1. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 27.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1977-91 ¹

Year begin- ning August	Supply				Disappearance						Statistical discrepan- cies ³	End- ing stocks July 31
	Begin- ning stocks	Pro- duction	Im- ports	Total	Domestic use				Ex- ports ²	Total disappear- ance		
					Food	Brew- ers use	Seed	Total				
	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>	<i>Mil- lion cwt.</i>
1977	40.5	99.2	.1	139.8	23.5	9.9	4.3	37.7	72.8	110.5	1.9	27.4
1978	27.4	133.2	.1	160.7	33.7	11.2	4.3	49.2	75.7	124.9	4.2	31.6
1979	31.6	131.9	.1	163.6	33.2	11.2	4.8	49.2	82.6	131.8	6.1	25.7
1980	25.7	146.2	.2	172.1	38.4	11.0	5.1	54.5	91.4	145.9	9.7	16.5
1981	16.5	182.7	.4	199.6	42.5	12.7	4.4	59.6	82.0	141.6	9.0	49.0
1982	49.0	153.6	.7	203.3	37.6	13.5	2.9	54.0	68.9	122.9	8.9	71.5
1983	71.5	99.7	.9	172.1	32.7	12.8	3.8	49.3	70.3	119.6	5.6	46.9
1984	46.9	138.8	1.6	187.3	35.2	13.9	3.4	52.5	62.1	114.6	8.0	64.7
1985	64.7	134.9	2.2	201.8	45.2	14.1	3.0	62.3	58.7	121.0	3.5	77.3
1986	77.3	133.4	2.6	213.3	52.8	15.0	2.9	70.7	84.2	154.9	7.0	51.4
1987	51.4	129.6	3.0	184.0	54.9	15.4	3.6	73.9	72.2	146.1	6.5	31.4
1988	31.4	159.9	3.8	195.1	57.5	15.6	3.4	76.5	85.9	162.4	6.0	26.7
1989	26.7	154.5	4.4	185.6	60.1	15.4	3.6	79.1	77.2	156.3	3.0	26.3
1990	26.3	156.1	4.8	187.2	63.8	15.3	3.6	82.7	70.9	153.6	9.0	24.6
1991 ⁵	24.6	154.5	6.0	185.0	68.0	15.0	3.8	86.8	60.0	146.8	8.0	30.2

¹ Consolidated supply and disappearance of rough and milled rice. Milled-rice data converted to a rough-rice basis using annually derived extraction rates as factors. ² Based on Bureau of Census reports. Estimates for 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

³ Results from losses in drying, storage, handling, and milling and from errors in estimation. ⁴ Less than 50,000 cwt.

⁵ Preliminary.

Totals may not add due to independent rounding.

Economic Research Service.

Table 28.—Rice, by length of grain: Area, yield, and production, by States, 1989–91

State	Area harvested			Yield per acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
Long grain									
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
AR.....	1,030.0	1,071.0	1,111.0	5,580	4,950	5,250	57,458	53,034	58,328
CA.....	30.0	18.0	15.0	7,500	7,300	7,200	2,250	1,314	1,080
LA.....	295.0	304.0	250.0	4,450	4,870	5,000	13,128	14,805	12,500
MS.....	235.0	250.0	220.0	5,700	5,700	5,600	13,395	14,250	12,320
MO.....	78.0	79.0	91.0	5,200	4,700	5,100	4,056	3,713	4,641
TX.....	330.0	343.0	335.0	5,720	6,030	6,024	18,874	20,690	20,180
US.....	1,998.0	2,065.0	2,022.0	5,464	5,221	5,393	109,161	107,806	109,049
Medium grain									
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
AR.....	109.0	128.0	148.0	5,800	5,400	5,670	6,322	6,912	8,392
CA.....	330.0	365.0	300.0	7,974	7,730	7,837	26,315	28,215	23,510
LA.....	190.0	241.0	260.0	4,400	4,840	4,706	8,360	11,664	12,235
MS ²									
MO.....	1.0	1.0	1.0	5,200	4,700	5,100	52	47	51
TX.....	8.0	10.0	8.0	4,900	4,900	5,000	392	490	400
US.....	638.0	745.0	717.0	6,495	6,353	6,219	41,441	47,328	44,589
Short grain									
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
AR.....	1.0	1.0	1.0	6,000	5,400	6,000	60	54	60
CA.....	50.0	12.0	10.0	7,650	7,500	7,600	3,825	900	760
US.....	51.0	13.0	11.0	7,618	7,338	7,455	3,885	954	820

¹ Preliminary. ² Not estimated.
National Agricultural Statistics Service.

Table 29.—Rice: Area, yield, and production, by States, 1989–91

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
AR.....	1,150.0	1,240.0	1,300.0	1,140.0	1,200.0	1,260.0	5,600	5,000	5,300	63,840	60,000	66,780
CA.....	415.0	400.0	330.0	410.0	395.0	325.0	7,900	7,700	7,800	32,390	30,429	25,350
LA.....	505.0	555.0	560.0	485.0	545.0	510.0	4,430	4,860	4,850	21,488	26,469	24,735
MS.....	240.0	255.0	225.0	235.0	250.0	220.0	5,700	5,700	5,600	13,395	14,250	12,320
MO.....	81.0	92.0	97.0	79.0	80.0	92.0	5,200	4,700	5,100	4,108	3,760	4,692
TX.....	340.0	355.0	345.0	338.0	353.0	343.0	5,700	6,000	6,000	19,266	21,180	20,580
US.....	2,731.0	2,897.0	2,857.0	2,687.0	2,823.0	2,750.0	5,749	5,529	5,617	154,487	156,088	154,457

¹ Preliminary.
National Agricultural Statistics Service.

Table 30.—Rice, milled, by length of grain: Stocks in all positions, United States, 1977-92

Year	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1977	1,802	2,140	1,618	.....	742	1,453	1,667	222	410	162	367	186
1978	3,417	3,945	1,719	.....	1,704	1,704	1,008	559	376	497	958	1,177
1979	3,349	2,757	2,302	.....	795	1,722	706	380	720	525	144	207
1980	3,312	3,840	2,471	.....	1,983	2,039	824	141	123	98	163	88
1981	3,909	4,146	1,747	.....	1,702	2,731	1,595	154	67	109	409	418
1982	2,600	2,963	2,166	.....	1,025	1,862	1,917	287	289	751	527	176
1983	3,715	3,865	3,157	22	1,027	1,779	1,957	420	458	124	105	70
1984	3,040	3,943	2,703	18	1,192	2,104	1,186	131	197	61	68	71
1985	3,255	4,049	2,218	31	1,245	917	624	1,061	50	89	113	83
1986	1,988	1,370	2,607	255	662	614	600	1,752	54	124	24	633
1987	² 2,879	² 2,090	3,540	63	² 584	² 492	1,015	783	² 218	² 29	194	210
1988	² 3,828	² 4,661	3,301	82	² 656	² 1,254	964	534	² 50	² 136	48	64
1989	² 3,779	² 5,268	2,875	86	² 914	² 865	1,139	672	² 50	² 36	131	62
1990	² 3,099	² 3,640	3,286	63	² 892	² 1,041	779	462	² 74	² 85	85	91
1991	² 2,959	² 2,414	2,513	32	² 859	² 1,660	671	423	² 94	² 90	50	41
1992 *	² 2,431	² 2,651	2,808	.....	² 840	² 1,425	953	.....	² 268	² 47	33	.....

Year	Broken kernels ²											
	Second heads				Screenings				Brewers			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹	Jan. 1	Apr. 1	Aug. 1	Oct. 1 ¹
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1977	1,121	1,283	1,002	35	75	430	154	.....	193	218	348	27
1978	692	1,004	509	92	81	102	65	.....	174	214	88	22
1979	952	1,285	1,026	180	112	139	68	.....	211	277	337	69
1980	500	507	403	63	31	152	49	.....	121	154	125	17
1981	684	591	930	276	65	66	43	.....	113	169	131	24
1982	884	946	691	416	90	83	73	.....	168	180	103	45
1983	759	847	394	186	85	125	119	.....	175	212	164	32
1984	870	772	938	204	153	211	93	.....	266	210	133	66
1985	872	586	605	147	99	108	66	.....	402	371	216	60
1986	1,301	908	772	315	106	37	79	.....	489	398	448	175
1987	² 1,122	² 1,210	1,290	89	² 167	² 144	221	.....	² 719	² 594	584	106
1988	² 1,389	² 1,041	690	146	² 243	² 304	85	.....	² 524	² 576	241	30
1989	² 1,141	² 849	995	110	² 128	² 48	222	.....	² 266	² 214	470	33
1990	² 876	² 803	652	198	² 243	² 94	117	.....	² 572	² 333	277	39
1991	² 918	² 550	827	197	² 747	² 298	68	.....	² 254	² 254	114	34
1992 *	² 577	² 665	511	.....	² 83	² 108	176	.....	² 211	² 781	367	.....

¹ California only. ² Estimates for December 1, previous year.

³ Estimates for March 1.

⁴ Preliminary.

* Screenings in California are included in second heads.

National Agricultural Statistics Service.

Table 31.—Rice: Marketing year average price and value, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per cwt.			Value of production		
	1989	1990	1991 ^{1 2}	1989	1990	1991 ^{1 2}
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AR.....	7.46	6.75	.....	476,246	405,000	.....
CA.....	6.27	5.93	.....	203,085	180,444	.....
LA.....	7.81	6.73	.....	167,821	178,136	.....
MS.....	7.57	6.99	.....	101,400	99,608	.....
MO.....	7.54	7.21	.....	30,974	27,110	.....
TX.....	8.02	7.41	.....	154,513	156,944	.....
US.....	7.35	6.70	7.55	1,134,039	1,047,242	1,166,077

¹ State estimates not available. ² Preliminary.

National Agricultural Statistics Service.

Table 32.—Rice, milled: United States exports under specified Government programs, 1977-90

Year ¹	Public Law 480			Foreign donations Section 416(b) ⁵	Mutual security (AID) ⁶	Total specified Government programs
	Title I sales	Title II donations				
	Long-term dollar and convertible foreign currency credit sales ²	Government-to-government and World Food Program ³	Voluntary relief agencies ⁴			
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1977.....	10,275	1,045	345			11,665
1978.....	9,224	1,135	315			10,674
1979.....	8,889	1,888	1,087			11,864
1980.....	5,449	1,583	893			7,925
1981.....	6,603	1,254	378			8,235
1982.....	8,829	988	657		2	10,476
1983.....	6,443	2,006	1,780			10,229
1984.....	9,599	2,051	1,072			12,722
1985.....	5,700	480	711			6,891
1986.....	6,342	2,251	808	1,314		10,715
1987.....	3,458	3,332	287	645	3	7,725
1988.....	5,178	2,597	1,223			8,998
1989.....	4,163	2,377	1,193		535	8,268
1990*						

¹ Year beginning Oct. 1. ² Shipments under agreements authorized by Title I, P.L. 480, as amended by P.L. 89-808. ³ Authorized by Title II, P.L. 480. ⁴ Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. ⁵ Section 416(b) of the Agricultural Act of 1949, as amended. ⁶ Foreign Assistance Act of 1961, as amended. *Not available.

Economic Research Service.

Table 33.—Rice, rough: Price-support operations, United States, 1977-92

Marketing year beginning August	Support prices		Put under support ²		Acquired by CCC under support program ³	Owned by CCC ⁴
	Per/cwt. loan/target	Percentage of parity ¹ loan/target	Quantity	Percentage of production		
1977.....	6.19/8.25	44/59	19.5	19.7	.6	18.6
1978.....	6.40/8.53	42/55	27.1	20.3	.3	10.8
1979.....	6.79/9.05	38/51	26.1	19.8	.4	8.3
1980.....	7.12/9.49	38/50	25.0	17.1		1.7
1981.....	8.01/10.68	39/51	42.8	23.4	17.5	
1982.....	8.14/10.85	39/51	65.8	42.4	6.5	17.5
1983.....	8.14/11.40	39/34	40.0	40.1	25.7	22.3
1984.....	8.00/11.90	39/58	57.8	41.6	31.3	25.0
1985.....	8.00/11.90	41/61	74.7	55.4	16.3	44.3
1986.....	7.20/11.90	37/62	132.3	98.8	2.2	43.6
1987.....	6.84/11.66	36/62	125.7	98.4	.5	8.7
1988.....	6.63/11.15	33/56	147.6	92.6	0	9.7
1989.....	6.50/10.80	31/52	121.9	78.9	0	0
1990.....	6.50/10.71	31/51	143.7	92.1	.1	0
1991.....	6.50/10.71	29/48	⁵ 108.3	70.1	0	0
1992.....	6.50/10.71					

¹ Percentage of parity price as of the beginning of the marketing year. ² Includes loans made, purchases, and purchase agreements entered. ³ Acquisitions through loan forfeitures, crop year basis. ⁴ At beginning of market year. ⁵ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 34.—Rice: United States exports (milled basis), by country of destination, 1989 and 1990

Country of destination	Year beginning August ¹		Country of destination	Year beginning August ¹	
	1989	1990		1989	1990
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Canada.....	108.7	126	Indonesia.....	10.7	11.4
Mexico.....	214.9	85.9	Iran.....		0
Bahamas.....	6.5	7.3	Iraq.....	521.4	0
Dominican Republic.....	47	35.9	Korea, Rep. of.....	.3	10.4
Haiti.....	82.2	107.6	Bangladesh.....	.7	0
Jamaica.....	59.5	69.5	Saudi Arabia.....	159.5	200.1
Netherlands Antilles.....	10.8	11.3	Total Asia, Middle East, and Oceania ²	1,132.0	
Chile.....	1.0	5.9			
Total Western Hemisphere ²	593.3		Guinea.....	29.9	5.3
Belgium-Luxembourg.....	103.8	70.9	Ivory Coast.....	35.7	83.9
France.....	13.4	15.6	Liberia.....	69.7	96.7
Germany, Fed. Rep. of.....	41.4		Nigeria.....	0	0
Netherlands.....	57.9	100.5	Senegal.....	69.2	59.2
Portugal.....	12.1	.6	South Africa.....	123.4	104.1
Sweden.....	14.8	15	Total Africa ²	488.6	
Switzerland.....	95.4	102.9			
United Kingdom.....	33.2	36.2	World total ²	2,537.4	2,318.3
Total Europe ²	567.7				

¹ Marketing year. ² Includes countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 35.—Rice, milled: Area, yield, and production in specified countries, 1989/90-1991/92 ¹

Continent and country	Area ²			Yield per hectare			Production		
	1989/ 90	1990/ 91	1991/ 92 ³	1989/ 90	1990/ 91	1991/ 92 ³	1989/ 90	1990/ 91	1991/ 92 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:									
Costa Rica.....	62	52	45	2.37	2.44	2.73	147	127	123
Cuba.....	155	134	155	2.23	2.19	2.23	345	293	345
Dominican Republic.....	98	98	92	3.14	2.83	3.15	308	277	290
El Salvador.....	16	14	16	2.63	2.86	2.44	42	40	39
Guatemala.....	14	13	15	1.93	2.00	1.87	27	26	28
Haiti.....	45	45	45	1.56	1.56	1.56	70	70	70
Honduras.....	17	18	20	2.76	2.50	2.75	47	45	55
Mexico.....	140	75	70	2.57	2.67	2.71	360	200	190
Nicaragua.....	48	40	57	1.33	1.85	1.72	64	74	98
Panama.....	90	90	90	1.30	1.30	1.34	117	117	121
Trinidad and Tobago.....	10	10	10	2.00	2.00	1.90	20	20	19
United States.....	1,087	1,142	1,113	4.68	4.46	4.53	5,087	5,098	5,044
Total.....	1,782	1,731	1,728	3.72	3.69	3.72	6,634	6,387	6,422
South America:									
Argentina.....	100	110	100	2.15	2.72	2.15	215	299	215
Bolivia.....	90	90	90	1.03	1.03	1.11	93	93	100
Brazil.....	4,300	4,550	5,100	1.14	1.42	1.44	4,896	6,460	7,344
Chile.....	43	33	27	2.09	2.97	2.89	90	98	78
Colombia.....	410	435	450	2.88	2.60	2.67	1,181	1,130	1,200
Ecuador.....	135	151	179	2.18	2.38	2.40	294	360	430
Guyana.....	67	60	60	1.97	2.00	2.00	132	120	120
Paraguay.....	35	35	35	1.34	1.06	1.06	47	37	37
Peru.....	218	185	157	2.82	3.23	3.47	615	598	545
Surinam.....	31	31	31	2.42	2.42	2.45	75	75	76
Uruguay.....	85	110	130	3.82	3.29	3.28	325	362	427
Venezuela.....	116	121	142	1.75	2.15	2.78	203	260	395
Total.....	5,630	5,911	6,501	1.45	1.67	1.69	8,166	9,892	10,967
Europe:									
France.....	17	19	20	3.71	3.95	3.55	63	75	71
Greece.....	16	16	15	4.25	3.75	3.80	68	60	57
Italy.....	206	215	206	4.47	4.52	3.89	921	972	802
Portugal.....	33	33	32	2.91	3.00	3.09	96	99	99
Spain.....	59	90	95	4.03	4.44	4.42	238	400	420
Total EC.....	331	373	368	4.19	4.31	3.94	1,386	1,606	1,449
Bulgaria.....	14	11	16	2.14	1.82	3.13	30	20	50
Hungary.....	12	12	12	1.83	2.50	2.50	22	30	30
Romania.....	49	40	38	0.90	1.25	1.03	44	50	39
Yugoslavia.....	6	9	9	2.67	1.89	1.78	16	17	16
Total Eastern Europe.....	81	72	75	1.38	1.63	1.80	112	117	135
Total Europe.....	412	445	443	.....	.....	.....	1,498	1,723	1,584
Soviet Union (Europe and Asia).....									
.....	656	613	592	2.23	2.29	2.20	1,464	1,406	1,302
Africa:									
Algeria.....	1	1	1	1	1	1	1	1	1
Angola.....	20	5	5	0.65	0.60	0.60	13	3	3
Benin.....	8	7	7	0.88	0.86	0.86	7	6	6
Burkina.....	20	20	25	1.35	1.35	0.80	27	27	20
Cameroon.....	36	35	35	1.94	1.89	1.89	70	66	66
Chad.....	25	25	21	0.60	0.60	0.76	15	15	16
Egypt.....	352	435	462	4.05	4.88	5.01	1,427	2,122	2,313
Gambia, The.....	25	22	22	1.04	1.00	1.00	26	22	22
Ghana.....	75	50	75	0.89	0.96	0.89	67	48	67
Guinea.....	575	490	650	0.59	0.69	0.85	341	338	550
Guinea-Bissau.....	120	120	170	0.87	0.87	0.63	104	104	107
Ivory Coast.....	620	630	640	0.73	0.74	0.73	455	464	470
Kenya.....	12	13	13	2.08	2.08	2.15	25	27	28
Liberia.....	235	175	165	0.71	0.72	0.73	168	126	120
Madagascar.....	1,220	1,240	1,200	1.21	1.24	1.18	1,475	1,540	1,413
Malawi.....	26	25	25	1.15	1.16	1.28	30	29	32

See footnotes at end of table.

Table 35.—Rice, milled: Area, yield, and production in specified countries, 1989/90–1991/92¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1989/ 90	1990/ 91	1991/ 92 ³	1989/ 90	1990/ 91	1991/ 92 ³	1989/ 90	1990/ 91	1991/ 92 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Mali.....	235	240	240	0.77	0.76	0.76	180	182	182
Mauritania.....	11	10	10	2.82	2.10	2.10	31	21	21
Morocco.....	1	1	6	3.00	3.00	3.00	3	3	18
Mozambique.....	50	70	70	0.72	0.60	0.43	36	42	30
Niger.....	35	32	30	1.49	1.50	1.33	52	48	40
Nigeria.....	640	650	670	0.84	0.83	0.85	540	540	570
Senegal.....	73	72	78	1.62	1.54	1.38	118	111	108
Sierra Leone.....	370	245	330	0.84	0.82	0.82	310	200	270
Somalia.....	6	5	5	1.33	1.40	1.40	8	7	7
Sudan.....	7	7	7	1.00	1.00	1.00	7	7	7
Swaziland.....	2	2	2	1.50	1.50	1.50	3	3	3
Tanzania, United Republic of.....	410	345	340	1.16	1.33	1.18	475	460	400
Togo.....	22	22	22	0.59	0.59	0.59	13	13	13
Zaire.....	300	290	285	0.55	0.54	0.54	165	157	155
Zambia.....	11	10	11	0.82	0.70	0.82	9	7	9
Total.....	5,543	5,294	5,622	1.12	1.27	1.26	6,201	6,739	7,067
Asia:									
Afghanistan.....	214	210	210	1.49	1.48	1.43	319	310	300
Bangladesh.....	10,478	10,435	10,500	1.70	1.71	1.75	17,860	17,852	18,400
Brunei.....	3	3	3	1.33	1.33	1.33	4	4	4
Burma.....	4,733	4,797	4,500	1.71	1.71	1.71	8,100	8,217	7,680
Cambodia.....	1,640	1,740	1,750	1.03	0.76	0.76	1,682	1,823	1,325
China (Mainland).....	32,700	33,064	32,600	3.86	4.01	3.99	126,091	132,532	130,200
India.....	42,167	42,596	41,100	1.74	1.75	1.73	73,573	74,589	71,000
Indonesia.....	10,530	10,502	10,140	2.76	2.80	2.83	29,072	29,366	28,680
Iran.....	519	605	440	2.36	2.48	2.12	1,223	1,500	932
Iraq.....	73	85	40	2.12	1.95	1.25	155	166	50
Japan.....	2,097	2,074	2,049	4.49	4.61	4.27	9,416	9,554	8,740
Korea, Democratic People's Rep.....	880	880	880	4.39	4.39	4.39	3,864	3,864	3,864
Korea, Republic of.....	1,257	1,244	1,209	4.69	4.51	4.45	5,898	5,606	5,385
Laos.....	700	860	750	1.21	1.05	1.07	850	900	800
Malaysia.....	612	658	625	1.87	1.81	1.79	1,147	1,190	1,120
Nepal.....	1,088	1,350	1,350	1.76	1.73	1.48	1,911	2,330	2,000
Pakistan.....	2,107	2,114	2,005	1.53	1.54	1.59	3,220	3,265	3,192
Philippines.....	3,445	3,433	3,429	1.68	1.87	1.83	5,785	6,425	6,287
Saudi Arabia.....	1	0	0	2.00	0.00	0.00	2	0	0
Sri Lanka.....	690	828	791	2.03	2.08	2.05	1,403	1,726	1,625
Taiwan.....	475	454	441	3.61	3.66	3.81	1,716	1,662	1,682
Thailand.....	9,986	8,802	10,000	1.33	1.29	1.35	13,317	11,347	13,530
Turkey.....	75	75	50	2.00	2.13	2.00	150	160	100
Vietnam.....	6,053	6,130	6,250	2.11	1.93	2.10	12,772	11,814	13,134
Total.....	132,523	132,939	131,112	2.41	2.45	2.44	319,530	325,702	320,030
Oceania:									
Australia.....	105	88	132	5.76	5.52	5.07	605	486	669
World total.....	146,651	147,021	146,130	2.35	2.40	2.38	344,098	352,335	348,041

¹ Crop year beginning Aug. 1. Crops harvested in the Northern Hemisphere during the latter part of the year are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year. ² Harvested area as far as possible. ³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 36.—Rice, milled equivalent: ¹ International trade, 1989-91 ²

Continent and country	1989		1990		1991 ³	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada	148	0	130	0	0	160
El Salvador	10	0	13	1	0	25
Honduras	6	0	10	0	0	40
Mexico	189	0	130	0	0	175
Nicaragua	30	0	30	0	0	30
Panama	5	0	2	0		
United States	125	2,967	135	2,420	2,197	170
Cuba	200	0	200	0	0	150
Jamaica	60	0	71	0		
Trinidad and Tobago	55	0	60	0	0	30
Other	155	0	164	0		
Total	983	2,973	941	2,425		
South America:						
Argentina	0	130	0	70	0	125
Brazil	180	5	405	0	0	800
Guyana	0	26	0	30	53	0
Chile	25	0	35	23	0	80
Colombia	0	38	0	54	68	0
Ecuador	66	20	45	15	15	60
Peru	162	0	246	0	0	300
Surinam	0	100	0	30		
Uruguay	0	251	5	250		
Venezuela	19	0	0	19	0	5
Other	0	0	0	0		
Total	452	570	741	499		
Europe:						
Austria	60	0	57	0	0	58
Belgium-Luxembourg	160	108	123	168	123	175
Denmark	20	0	18	0		
France	195	42	226	55	46	208
Germany	206	35	211	35		
Greece	6	31	5	41	18	7
Italy	65	480	4	525	550	5
Netherlands	150	75	145	76		
Norway	10	0	10	0	0	10
Portugal	116	2	75	6	15	78
Spain	105	180	110	110	227	86
Sweden	30	0	0	37	0	38
Switzerland	54	0	30	0	0	37
United Kingdom	235	10	10	250	10	274
Other	30	0	31	0		
Total Western Europe	1,442	963	1,362	969		
Hungary	55	0	55	0	0	65
Poland	58	0	59	0	0	38
Romania	50	0	50	0	0	50
Yugoslavia	30	0	30	0	0	30
Soviet Union	600	150	400	150		
Other	80	0	90	0		
Total Eastern Europe	873	150	684	150		
Africa:						
Algeria	49	0	50	0		
Angola	62	0	50	0		
Zaire	86	0	80	0		
Gambia	0	78	10	50	20	92
Ghana	85	0	75	0	0	108
Guinea	85	0	120	0	0	84
Ivory Coast	305	0	310	0	0	325
Liberia	110	0	120	15	5	140
Madagascar	130	0	155	0	0	60

See footnotes at end of table.

Table 36.—Rice, milled equivalent: ¹ International trade, 1989-91 ²—Continued

Continent and country	1989		1990		1991 ³	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued						
Mozambique.....	160	0	130	0	0	120
Nigeria.....	300	0	0	220	0	210
Senegal and Mauritania.....	460	0	450	0	0	150
Sierra Leone.....	99	0	110	0	0	346
South Africa.....	280	0	300	0	3	85
Egypt.....	10	100	10	32	0	52
Tanzania.....	60	0	50	0	0	
Other.....	399	5	360	5		
Total	2,730	105	2,630	72		
Asia:						
Bangladesh.....	400	0	100	0	0	100
Saudi Arabia.....	525	0	525	0	0	525
Israel.....	60	0	60	0	0	60
Jordan.....	0	58	0	106	0	91
Lebanon.....	0	108	0	52	0	34
Turkey (Europe and Asia).....	200	40	210	0	1	200
Iraq.....	542	0	360	0	0	250
Syria.....	140	0	140	0	0	135
Iran.....	1,000	0	850	0	0	565
Burma.....	0	456	0	186	0	
Sri Lanka.....	292	0	200	0	0	133
China (Mainland).....	1,200	320	300	142	50	689
Taiwan.....	5	68	4	50	200	5
Hong Kong.....	380	5	400	5	5	368
India.....	500	450	0	420	500	0
Cambodia.....	50	0	50	0		
Laos.....	181	0	30	0	0	0
Vietnam, Soc. Rep. of.....	50	1,400	0	1,500	1,000	0
Indonesia.....	412	104	60	50	0	180
Japan.....	16	0	16	0	0	18
Korea, Rep. of.....	0	0	0	2	19	2
Korea, Dem. People's Rep.....	0	175	0	75	0	200
Malaysia.....	360	0	360	0	0	400
Singapore.....	210	25	220	25		
Pakistan.....	0	779	0	904		
Philippines.....	195	16	630	0	0	0
Thailand.....	6,036	0	3,937	0	0	3,993
Other.....	659	15	600	15		
Total	7,492	9,890	5,024	7,459		
Oceania:						
Australia.....	10	450	10	470	400	29
Other.....	45	0	45	0		
Total	55	450	55	470		
Other countries	220	0	240	0		
World total	14,247	15,101	11,677	12,044		

¹ Includes milled, semi-milled, broken, and rough rice in terms of milled. ² Calendar year. ³ Preliminary.
 Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers.

Table 37.—Food grains: Average price, selected markets and grades, 1977-90¹

Crop year ²	Kansas City			Minneapolis			Portland Wheat No. 1 Soft White	St. Louis Wheat, No. 2 Soft Red Winter
	Wheat, No. 1 Hard Winter, Ordinary Protein	Wheat, No. 1 Hard Winter, 13% protein	Wheat, No. 1 Soft Red Winter	Wheat, No. 1 Hard Amber Durum (milling)	Wheat, No. 1 Dark Northern Spring, 14% protein	Rye, No. 2		
	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel	Dollars per bushel
1977	2.72	2.81	2.54	3.31	2.88	2.53	3.09	2.54
1978	3.38	3.41	3.34	3.60	3.35	2.44	3.73	3.43
1979	4.25	4.34	4.04	4.99	4.21	2.47	4.22	4.10
1980	4.45	4.50	4.23	6.39	4.71	3.35	4.36	4.39
1981	4.27	4.30	3.67	4.21	4.29	3.80	4.20	3.66
1982	3.94	4.13	3.53	3.96	4.09	2.75	4.39	3.32
1983	3.84	4.14	3.58	4.57	4.30	2.50	3.95	3.62
1984	3.74	3.93	3.49	4.26	4.06	2.26	3.82	3.57
1985	3.28	3.62	3.16	3.45	3.94	2.32	3.72	3.26
1986	2.72	2.87	2.85	3.17	3.07	1.77	2.90	2.87
1987	2.96	3.14	2.97	3.57	3.15	1.79	3.06	2.95
1988	4.17	4.23	3.96	4.69	4.36	2.26	4.53	4.08
1989	4.22	4.21	3.93	4.03	4.16	2.24	4.28	3.94
1990	2.94	3.01	2.77	3.28	3.06	2.30	3.16	2.81

Crop year ²	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	San Francisco Milled Rice Short	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice	
				Medium	Long	Medium	Long	Medium	Long
	Dollars per bushel	Dollars per bushel	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
1977	2.56	2.16	20.25	20.55	21.40	19.10	21.25	20.60	21.75
1978	3.57	2.77	18.25	16.00	18.20	15.40	18.40	16.65	18.85
1979	4.24	3.54	22.00	21.40	22.05	21.50	22.25	22.05	22.40
1980	4.33	3.78	23.45	22.51	22.32	22.51	22.62	.....	22.81
1981	3.74	3.61	22.10	19.20	20.25	19.44	20.20	.....	21.30
1982	3.33	3.44	16.05	16.90	18.00	16.80	17.80	.....	18.70
1983	3.56	3.36	15.96	17.50	18.64	17.34	18.65	.....	19.88
1984	3.51	3.31	15.45	16.05	17.75	16.25	17.70	.....	18.60
1985	3.22	2.96	14.35	14.75	16.15	15.25	16.15	.....	16.80
1986	2.76	2.40	14.80	12.25	13.10	13.50	13.80	.....	14.60
1987	2.89	2.61	13.60	12.45	12.70	13.70	13.95	.....	13.15
1988	4.00	3.87	17.60	14.45	15.30	15.60	15.75	.....	15.85
1989	3.92	3.82	.....	14.70	14.95	15.20	15.50	.....	15.50
1990	2.73	2.62	.....	14.89	15.46	15.40	15.79	.....	16.06

¹ Simple average of daily prices.² For wheat and rye, crop year begins in June. For rice, crop year begins in August. n.a. not available.

Agricultural Marketing Service.

Table 38.—Corn: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area planted, all purposes	Corn for grain							Corn for silage		
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Marketing year average price per bushel ¹	Value of production ¹	Area harvested	Yield per harvested acre	Production ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>
1977.....	84,328	71,614	90.8	6,505,041	2,548,330	3,956,711	2.02	13,107,420	9,314	12.6	117,743
1978.....	81,675	71,930	101.0	7,267,927	2,835,821	4,432,106	2.25	16,280,688	8,624	13.7	118,132
1979.....	81,394	72,400	109.5	7,928,139	2,976,268	4,962,551	2.48	19,876,655	7,989	14.4	114,799
1980.....	84,043	72,961	91.0	6,639,396	(³)	(³)	3.12	20,554,147	9,299	12.0	111,990
1981.....	84,097	74,524	108.9	8,118,650	(³)	(³)	2.47	20,200,261	8,307	14.2	117,891
1982.....	81,857	72,719	113.2	8,235,101	(³)	(³)	2.55	21,641,046	8,252	14.3	117,782
1983.....	60,207	51,479	81.1	4,174,251	(³)	(³)	3.21	13,552,853	7,808	12.3	96,238
1984.....	80,517	71,897	106.7	7,672,130	(³)	(³)	2.63	20,143,883	7,535	13.9	104,491
1985.....	83,398	75,209	118.0	8,875,453	(³)	(³)	2.23	19,518,762	7,155	14.3	102,664
1986.....	76,580	68,907	119.4	8,225,764	(³)	(³)	1.50	12,507,263	6,418	14.1	90,227
1987.....	66,200	59,505	119.8	7,131,300	(³)	(³)	1.94	14,107,705	5,994	14.4	86,442
1988.....	67,717	58,250	84.6	4,928,681	(³)	(³)	2.54	12,661,362	8,294	9.5	78,791
1989.....	72,221	64,703	116.3	7,525,493	(³)	(³)	2.36	17,896,810	6,606	13.0	86,109
1990.....	74,171	66,952	118.5	7,934,028	(³)	(³)	2.28	18,191,643	6,124	14.2	86,844
1991 ⁴	75,951	68,842	108.6	7,474,480	(³)	(³)	2.40	18,063,205	6,101	13.2	80,503

¹ Includes allowance for loans outstanding and purchases by the government valued at the average loan and purchase rate, by States, where applicable, prior to 1979. ² Includes hogged or grazed and that cut and fed without removing grain. ³ Estimates discontinued. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 39.—Corn: Stocks on and off farms, United States, 1977-92

Year	On farms				Off farms ²			
	Jan. 1	Apr. 1	June 1	Oct. 1 ¹	Jan. 1	Apr. 1	June 1	Oct. 1 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1977.....	3,357,995	2,141,623	1,582,768	447,846	1,544,023	1,159,329	787,263	438,019
1978.....	3,873,623	2,549,170	1,872,359	666,727	1,678,678	1,360,245	988,779	444,708
1979.....	4,637,662	3,177,893	2,318,006	794,465	1,681,036	1,322,484	969,208	509,460
1980.....	5,035,688	3,437,303	2,551,625	920,453	1,844,484	1,416,321	1,092,648	696,597
1981.....	4,138,902	2,639,578	1,817,256	489,881	1,717,844	1,346,494	956,199	544,388
1982.....	4,986,266	3,591,813	2,734,195	1,243,331	1,934,436	1,506,394	1,145,921	930,675
1983.....	5,935,986	4,241,717	3,093,509	1,510,394	2,268,706	1,956,269	1,830,375	1,609,543
1984.....	3,079,963	1,933,652	1,213,068	347,853	1,832,904	1,317,558	932,007	375,370
1985.....	4,304,054	2,833,806	2,007,823	678,947	1,560,171	1,131,736	827,701	701,786
1986.....	5,528,559	3,981,992	3,143,067	.....	2,366,162	1,965,087	1,846,970	.....
Year beginning previous December	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1
1987.....	6,795,500	5,024,000	3,491,800	2,284,500	3,509,999	3,224,193	2,840,441	2,597,193
1988.....	6,100,000	4,421,000	3,241,000	2,002,800	3,671,005	3,214,590	2,598,217	2,256,286
1989.....	4,280,200	3,021,000	2,022,000	967,500	2,791,367	2,182,926	1,397,302	962,928
1990.....	4,698,800	2,910,500	1,623,500	754,800	2,383,275	1,901,921	1,219,708	589,657
1991.....	4,874,000	3,064,500	1,755,000	691,200	2,066,289	1,724,474	1,236,957	830,045
1992 ³	4,294,500	2,610,200	1,517,500	.....	2,246,624	1,948,719	1,221,072	.....

¹ Old crop only. ² Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. ³ Preliminary.
National Agricultural Statistics Service.

Table 40.—Corn: Supply and disappearance, United States, 1977-91

Year beginning September	Supply				Disappearance					Ending stocks Sept. 30		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ¹	Government	Total
					Feed and residual	Food, alcohol, and seed	Total					
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1977.....	1,136	6,505	2	7,643	3,730	581	4,311	1,896	6,207	1,432	4	1,436
1978.....	1,436	7,268	1	8,705	4,274	608	4,882	2,113	6,995	1,609	101	1,710
1979.....	1,710	7,928	1	9,638	4,563	640	5,203	2,402	7,604	1,774	260	2,034
1980.....	2,034	6,639	1	8,675	4,232	659	4,891	2,391	7,282	1,150	242	1,392
1981.....	1,392	8,119	1	9,511	4,244	733	4,978	1,997	6,975	2,257	280	2,537
1982.....	2,537	8,235	1	10,772	4,573	855	5,428	1,821	7,249	2,380	1,143	3,523
1983.....	3,523	4,174	2	7,699	3,876	930	4,806	1,886	6,693	805	201	1,006
1984.....	1,006	7,672	2	8,680	4,115	1,067	5,182	1,850	7,032	1,423	225	1,648
1985.....	1,648	8,876	10	10,534	4,114	1,153	5,267	1,227	6,494	3,494	546	4,040
1986.....	4,040	8,226	2	12,267	4,669	1,223	5,893	1,492	7,385	3,438	1,443	4,882
1987.....	4,882	7,131	3	12,016	4,798	1,243	6,041	1,716	7,757	3,424	835	4,259
1988.....	4,259	4,929	3	9,191	3,941	1,293	5,234	2,026	7,260	1,568	363	1,930
1989.....	1,930	7,526	2	9,458	4,389	1,356	5,745	2,368	8,113	1,112	233	1,345
1990.....	1,345	7,934	3	9,282	4,669	1,367	6,036	1,725	7,761	1,150	371	1,521
1991 ²	1,521	7,475	20	9,016	4,900	1,445	6,345	1,550	7,895	1,096	25	1,121

¹ Includes total Government loans (original and resale). ² Preliminary. Totals may not add due to independent rounding.

Economic Research Service.

Table 41.—Corn: Area, yield, and production, by States, 1989-91

State	Area planted for all purposes			Corn for grain								
	1989	1990	1991 ¹	Area harvested			Yield per harvested acre			Production		
				1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	230	290	260	180	240	210	81.0	58.0	80.0	14,580	13,920	16,800
AZ.....	20	15	14	13	7	5	145.0	160.0	170.0	1,885	1,120	850
AR.....	62	80	90	58	73	80	122.0	95.0	100.0	7,076	6,935	8,000
CA.....	380	375	380	185	160	115	160.0	160.0	160.0	29,600	25,600	18,400
CO.....	1,050	950	950	930	830	840	145.0	155.0	153.0	134,850	128,650	128,520
CT.....	49	45	46	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
DE.....	140	180	175	133	172	169	100.0	115.0	106.0	13,300	19,780	17,910
FL.....	115	105	110	80	75	75	74.0	71.0	68.0	5,920	5,325	5,100
GA.....	610	660	600	550	550	550	95.0	68.0	100.0	52,250	37,400	55,000
ID.....	130	100	125	50	30	63	125.0	130.0	125.0	6,250	3,900	7,875
IL.....	10,900	10,600	11,200	10,750	10,400	11,000	123.0	127.0	107.0	1,322,250	1,320,800	1,177,000
IN.....	5,350	5,600	5,700	5,200	5,450	5,550	133.0	129.0	92.0	691,600	703,050	510,600
IA.....	12,600	12,800	12,500	12,250	12,400	12,200	118.0	126.0	117.0	1,445,500	1,562,400	1,427,400
KS.....	1,370	1,600	1,800	1,240	1,450	1,550	125.0	130.0	125.0	155,000	188,500	206,250
KY.....	1,330	1,350	1,400	1,180	1,200	1,250	116.0	100.0	89.0	136,880	120,000	111,250
LA.....	160	200	275	142	186	247	95.0	116.0	85.0	13,490	21,576	20,995
ME.....	33	40	35	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MD.....	480	550	550	400	450	450	110.0	118.0	95.0	44,000	53,100	42,750
MA.....	38	36	34	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MI.....	2,300	2,400	2,600	1,970	2,070	2,300	113.0	115.0	110.0	222,610	238,050	253,000
MN.....	6,200	6,700	6,600	5,600	6,150	6,000	125.0	124.0	120.0	700,000	762,600	720,000
MS.....	180	190	190	140	140	150	70.0	80.0	75.0	9,800	11,200	11,250
MO.....	2,400	2,100	2,300	2,290	1,960	2,200	96.0	105.0	97.0	219,840	205,800	213,400
MT.....	80	65	75	4	9	15	30.0	95.0	120.0	320	855	1,800
NE.....	7,400	7,700	8,200	7,000	7,300	7,800	121.0	128.0	127.0	847,000	934,400	990,600
NH.....	19	17	18	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
NJ.....	95	100	100	71	75	77	102.0	118.0	110.0	7,242	8,850	8,470
NM.....	85	85	92	60	55	60	160.0	145.0	165.0	9,600	7,975	9,900
NY.....	1,150	1,210	1,230	570	620	660	93.0	98.0	98.0	53,010	60,760	64,680
NC.....	1,050	1,200	1,050	950	1,070	950	93.0	68.0	90.0	88,350	72,760	85,500
ND.....	880	850	930	465	460	570	75.0	80.0	90.0	34,875	36,800	51,300
OH.....	3,150	3,700	3,700	2,900	3,450	3,400	118.0	121.0	96.0	342,200	417,450	326,400
OK.....	95	105	120	78	88	85	120.0	114.0	110.0	9,360	10,032	9,350
OR.....	50	50	45	22	18	15	160.0	150.0	146.0	3,520	2,700	2,190
PA.....	1,380	1,380	1,400	960	970	860	103.0	113.0	75.0	98,880	109,610	64,500
RI.....	2	2	2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SC.....	390	390	280	340	320	255	91.0	48.0	85.0	30,940	15,360	21,675
SD.....	3,400	3,400	3,750	2,650	3,000	3,250	72.0	78.0	74.0	190,800	234,000	240,500
TN.....	650	620	620	530	510	510	107.0	86.0	86.0	56,710	43,860	43,860
TX.....	1,650	1,650	1,700	1,400	1,450	1,500	106.0	90.0	110.0	148,400	130,500	165,000
UT.....	65	65	68	20	19	21	132.0	140.0	140.0	2,640	2,660	2,940
VT.....	88	86	92	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
VA.....	510	530	500	365	365	335	110.0	100.0	84.0	40,150	36,500	28,140
WA.....	130	120	130	90	80	88	175.0	175.0	180.0	15,750	14,000	15,840
WV.....	85	90	85	46	50	38	95.0	105.0	75.0	4,370	5,250	2,850
WY.....	3,600	3,700	3,800	2,800	3,000	3,200	111.0	118.0	119.0	310,800	354,000	380,800
WY.....	90	90	80	41	50	49	95.0	120.0	119.0	3,895	6,000	5,831
US.....	72,221	74,171	75,951	64,703	66,952	68,842	116.3	118.5	108.6	7,525,493	7,984,028	7,474,480

¹ Preliminary. ² Not estimated.

National Agricultural Statistics Service.

Table 42.—Corn: Utilization for silage, by States, 1989-91

State	Silage								
	Area harvested			Yield per acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL.....	25	20	35	10.0	10.0	10.0	250	200	350
AZ.....	7	8	9	27.0	27.0	28.0	189	216	252
AR.....	3	6	9	12.0	12.0	14.0	36	72	126
CA.....	189	210	210	24.0	25.0	25.0	4,536	5,250	5,250
CO.....	115	117	105	22.0	22.5	22.0	2,530	2,633	2,310
CT.....	43	41	39	16.5	19.0	17.0	710	779	663
DE.....	6	7	5	16.0	16.0	18.0	96	112	90
FL.....	22	15	15	16.0	17.5	14.0	352	263	210
GA.....	40	50	40	14.5	12.0	15.0	580	600	600
ID.....	78	68	60	23.5	23.0	23.0	1,833	1,564	1,380
IL.....	140	130	150	14.0	14.0	13.0	1,960	1,820	1,950
IN.....	120	100	120	16.5	17.0	13.0	1,980	1,700	1,560
IA.....	340	300	250	13.5	15.5	15.0	4,590	4,650	3,750
KS.....	105	120	140	14.0	13.0	13.0	1,470	1,560	1,820
KY.....	140	140	140	16.0	15.0	14.0	2,240	2,100	1,960
LA.....	14	11	8	16.0	17.0	12.0	224	187	96
ME.....	27	32	28	15.0	15.0	15.5	405	480	434
MD.....	75	95	95	16.0	14.0	8.0	1,200	1,330	760
MA.....	30	29	29	18.5	18.5	17.5	555	537	508
MI.....	300	280	285	13.0	14.5	14.0	3,900	4,060	3,990
MN.....	520	480	420	10.5	12.0	13.5	5,460	5,760	5,670
MS.....	25	25	27	12.0	12.0	12.0	300	300	324
MO.....	90	90	80	12.5	13.0	10.0	1,125	1,170	800
MT.....	75	55	59	18.0	19.0	18.0	1,350	1,045	1,062
NE.....	325	325	330	12.5	13.5	12.5	4,063	4,388	4,125
NH.....	17	15	16	19.5	19.5	19.0	332	293	304
NJ.....	22	23	22	14.0	18.0	15.0	308	414	330
NM.....	20	27	30	20.0	19.0	23.0	400	513	690
NY.....	550	580	550	13.0	15.0	14.0	7,150	8,700	7,700
NC.....	95	85	90	15.0	12.0	16.0	1,425	1,020	1,440
ND.....	340	360	330	3.7	4.0	5.6	1,258	1,440	1,848
OH.....	240	180	210	14.0	16.0	13.0	3,360	2,880	2,730
OK.....	14	15	20	14.0	16.0	14.0	196	240	280
OR.....	27	30	28	24.0	24.0	23.0	648	720	644
PA.....	400	390	520	15.0	16.0	10.0	6,000	6,240	5,200
RI.....	2	2	2	19.0	18.0	18.0	38	36	36
SC.....	25	35	20	13.5	12.5	10.0	338	438	200
SD.....	690	375	450	5.0	6.2	5.8	3,450	2,325	2,610
TN.....	110	100	105	15.0	16.0	17.0	1,650	1,600	1,785
TX.....	50	85	50	18.5	13.0	17.0	925	1,105	850
UT.....	44	45	44	19.0	20.5	21.0	836	923	924
VT.....	77	76	84	17.5	17.5	15.0	1,348	1,330	1,260
VA.....	140	160	160	16.0	14.0	13.5	2,240	2,240	2,160
WA.....	40	40	42	25.0	23.0	26.0	1,000	920	1,092
WV.....	38	38	40	15.5	15.0	10.0	589	570	400
WI.....	764	670	570	13.0	14.0	13.0	9,932	9,380	7,410
WY.....	47	39	30	16.0	19.0	19.0	752	741	570
US.....	6,606	6,124	6,101	13.0	14.2	13.2	86,109	86,844	80,503

¹ Preliminary.

National Agricultural Statistics Service.

Table 43.—Corn for grain: Marketing year average price and value, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per bushel			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	2.75	2.69	2.65	40,095	37,445	44,520
AZ.....	3.00	3.15	2.80	5,655	3,528	2,380
AR.....	2.35	2.62	2.55	16,629	18,170	20,440
CA.....	3.00	3.03	3.25	88,800	77,568	59,800
CO.....	2.32	2.36	2.45	312,852	303,614	314,874
DE.....	2.65	2.43	2.65	35,245	48,065	47,472
FL.....	2.30	2.70	2.60	13,616	14,378	13,360
GA.....	2.63	2.77	2.65	137,418	103,598	145,750
ID.....	2.95	2.70	2.85	15,438	10,580	22,444
IL.....	2.40	2.36	2.50	3,178,400	3,117,088	2,942,500
IN.....	2.47	2.31	2.45	1,708,252	1,624,046	1,250,970
IA.....	2.29	2.21	2.35	3,310,195	3,452,904	3,354,390
KS.....	2.28	2.25	2.45	355,400	424,125	505,313
KY.....	2.54	2.48	2.60	347,675	297,600	289,250
LA.....	2.60	2.60	2.55	35,074	56,098	53,537
MD.....	2.70	2.47	2.70	118,800	131,157	115,425
MI.....	2.28	2.21	2.40	507,551	526,091	607,200
MN.....	2.27	2.17	2.25	1,589,000	1,654,842	1,620,000
MS.....	2.70	2.65	2.75	26,460	29,630	30,938
MO.....	2.38	2.38	2.45	523,219	489,804	522,830
MT.....	2.60	2.50	2.70	832	2,138	4,860
NE.....	2.30	2.28	2.40	1,948,100	2,130,432	2,377,440
NJ.....	2.65	2.38	2.60	19,191	21,063	22,022
NM.....	2.51	2.67	2.70	24,096	21,293	26,730
NY.....	2.30	2.44	2.45	148,428	148,254	158,466
NC.....	2.67	2.53	2.60	235,895	184,083	222,300
ND.....	2.24	2.15	2.25	75,120	79,120	115,425
OH.....	2.49	2.32	2.45	852,078	968,484	799,680
OK.....	2.40	2.32	2.40	22,464	23,274	22,440
OR.....	2.85	2.80	2.85	10,032	7,560	6,242
PA.....	2.88	2.62	2.85	284,774	287,178	183,825
SC.....	2.45	2.72	2.60	75,803	41,779	56,355
SD.....	2.14	2.08	2.20	408,312	486,720	529,100
TN.....	2.50	2.43	2.40	141,775	106,580	105,264
TX.....	2.63	2.51	2.70	390,292	327,555	445,500
UT.....	2.80	2.79	2.85	7,392	7,421	8,379
VA.....	2.60	2.51	2.60	104,390	91,615	73,164
WA.....	2.85	2.75	2.90	44,888	38,500	45,936
WV.....	2.40	2.29	2.35	10,488	12,023	6,698
WI.....	2.31	2.18	2.30	717,948	771,720	875,840
WY.....	2.50	2.42	2.45	9,738	14,520	14,286
US.....	2.36	2.28	2.40	17,896,810	18,191,643	18,063,205

¹ Preliminary.

National Agricultural Statistics Service.

Table 44.—Corn: Area, yield, and production in specified countries, 1989/90–1991/92¹

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:									
Canada.....	1,003	1,036	1,084	6.36	6.91	6.75	6,379	7,157	7,319
Costa Rica.....	48	40	37	1.67	1.70	1.68	80	68	62
Cuba.....	75	77	77	1.27	1.30	1.30	95	100	100
Dominican Republic.....	28	33	33	0.89	0.82	0.91	25	27	30
El Salvador.....	276	282	306	2.11	2.11	1.63	582	596	498
Guatemala.....	745	786	794	1.61	1.62	1.24	1,200	1,274	985
Haiti.....	175	175	175	0.97	0.97	0.97	170	170	170
Honduras.....	350	367	419	1.46	1.52	1.34	510	558	560
Jamaica and Dep.....	2	2	2	1.00	1.00	1.00	2	2	2
Mexico.....	5,800	6,600	7,700	1.68	2.14	1.88	9,750	14,100	14,500
Nicaragua.....	228	194	200	1.23	1.14	1.25	280	221	249
Panama.....	85	85	85	1.06	1.06	1.06	90	90	90
Trinidad and Tobago.....	3	3	3	1.67	1.67	1.67	5	5	5
United States.....	26,184	27,095	27,859	7.30	7.44	6.82	191,156	201,534	189,861
Total.....	35,002	36,775	38,774	6.01	6.14	5.53	210,324	225,902	214,431
South America:									
Argentina.....	1,700	1,950	2,400	3.06	3.90	4.38	5,200	7,600	10,500
Bolivia.....	310	300	320	1.50	1.50	1.56	465	450	500
Brazil.....	12,100	12,900	13,600	1.80	1.84	2.10	21,800	23,700	28,500
Chile.....	101	100	99	7.54	8.30	7.98	762	830	790
Colombia.....	787	822	860	1.47	1.55	1.51	1,155	1,274	1,300
Ecuador.....	150	165	160	1.60	1.73	1.69	240	286	270
Guyana.....	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay.....	480	490	490	1.46	1.31	1.33	700	640	650
Peru.....	484	320	400	2.08	2.03	1.75	1,009	650	700
Uruguay.....	57	66	70	1.96	1.88	2.00	112	124	140
Venezuela.....	500	480	525	2.00	2.10	2.10	1,000	1,010	1,100
Total.....	16,674	17,598	18,929	1.95	2.08	2.35	32,448	36,569	44,455
Europe:									
Belgium-Luxembourg.....	7	7	10	7.71	8.00	7.30	54	56	73
France.....	1,910	1,600	1,780	7.02	5.94	7.25	13,400	9,500	12,900
Germany.....	219	229	284	7.46	6.78	6.79	1,633	1,552	1,927
Greece.....	180	162	219	9.17	8.95	8.45	1,650	1,450	1,850
Italy.....	804	768	830	7.91	7.64	7.40	6,359	5,864	6,140
Netherlands.....	1	1	1	6.00	3.00	5.00	6	3	5
Portugal.....	260	272	261	2.59	2.36	2.48	674	643	646
Spain.....	510	450	480	6.08	6.22	6.25	3,100	2,800	3,000
Total EC.....	3,891	3,489	3,865	6.91	6.27	6.87	26,876	21,868	26,541
Austria.....	194	198	185	7.69	8.18	8.49	1,491	1,620	1,571
Sweden.....	3	3	3	4.00	4.00	4.00	12	12	12
Switzerland.....	28	27	27	9.25	8.63	8.83	259	233	225
Total Western Europe.....	4,116	3,717	4,080	6.96	6.38	6.95	28,638	23,733	28,349
Albania.....	65	65	80	4.65	4.65	3.13	302	302	250
Bulgaria.....	563	400	560	4.30	3.10	4.85	2,421	1,241	2,718
Czechoslovakia.....	204	140	165	4.90	3.63	5.25	1,000	508	867
Hungary.....	1,084	1,082	1,126	6.22	3.99	6.67	6,747	4,317	7,510
Poland.....	51	45	65	4.78	6.44	4.74	244	290	308
Romania.....	2,800	2,461	2,570	3.21	2.46	4.08	9,000	6,064	10,490
Yugoslavia.....	2,268	2,229	2,166	4.15	3.02	5.34	9,415	6,724	11,557
Total Eastern Europe.....	7,035	6,422	6,732	4.14	3.03	5.01	29,129	19,446	33,700
Total Europe.....	11,151	10,139	10,812	5.18	4.26	5.74	57,767	43,179	62,049
Soviet Union (Europe and Asia).....	4,129	2,850	2,826	3.69	3.46	3.19	15,225	9,860	9,026
Africa:									
Algeria.....	1	1	1	2.00	2.00	2.00	2	2	2
Angola.....	400	500	500	0.44	0.60	0.74	175	300	370
Benin.....	490	480	480	0.88	0.80	0.79	430	385	380
Botswana.....	50	50	30	0.40	0.40	0.17	20	20	5
Burkina Faso.....	174	165	250	1.09	0.73	1.00	190	120	250
Burundi.....	145	175	180	1.03	1.09	1.06	150	190	190
Cameroon.....	450	494	452	1.00	0.96	1.10	450	418	495
Cape Verde.....	10	15	5	0.70	0.67	0.80	7	10	4
Central African Republic.....	130	128	132	0.50	0.50	0.50	65	64	66
Chad.....	70	62	79	0.64	0.65	0.89	45	40	70
Congo (Brazzaville).....	32	32	32	0.63	0.63	0.63	20	20	20
Egypt.....	843	840	705	5.37	5.47	6.24	4,524	4,598	4,400

See footnotes at end of table.

Table 44.—Corn: Area, yield, and production in specified countries, 1989/90–1991/92¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Ethiopia.....	1,060	1,150	780	1.78	1.74	1.67	1,888	2,000	1,300
Gambia, The.....	14	12	13	1.79	1.33	1.46	25	16	19
Ghana.....	595	550	525	1.20	1.01	1.30	714	553	680
Guinea.....	50	55	50	1.00	1.09	1.00	50	60	50
Guinea-Bissau.....	30	35	35	0.83	0.66	0.71	25	23	25
Ivory Coast.....	650	620	650	0.82	0.79	0.82	530	490	535
Kenya.....	1,815	1,775	1,725	1.56	1.24	1.39	2,836	2,200	2,400
Lesotho.....	160	110	160	0.74	0.82	0.31	119	90	50
Madagascar.....	145	145	140	1.17	1.10	1.00	170	160	140
Malawi.....	1,344	1,360	1,300	1.00	1.18	0.46	1,343	1,600	600
Mali.....	175	175	190	1.31	1.29	1.58	230	225	300
Mauritania.....	3	1	3	0.67	1.00	0.67	2	1	2
Morocco.....	406	376	385	0.99	1.16	0.87	403	436	335
Mozambique.....	670	600	600	0.68	0.50	0.25	453	300	150
Nigeria.....	2,000	1,800	1,900	0.95	0.84	0.97	1,900	1,520	1,850
Rwanda.....	80	90	90	1.18	1.22	1.00	94	110	90
Senegal.....	100	116	110	1.31	1.15	1.18	131	133	130
Sierra Leone.....	11	5	10	1.09	0.80	0.80	12	4	8
Somalia.....	230	200	200	1.09	1.10	1.10	250	220	220
South Africa, Republic of.....	3,475	3,026	3,250	2.56	2.74	0.80	8,900	8,300	2,600
Swaziland.....	80	80	65	1.63	1.91	0.77	130	153	50
Tanzania, United Republic of.....	1,950	1,630	1,850	1.59	1.49	1.24	3,100	2,430	2,300
Togo.....	200	150	150	1.13	1.33	1.07	225	200	160
Tunisia.....	1	1	1	1.00	1.00	1.00	1	1	1
Uganda.....	340	360	350	1.02	0.97	1.07	347	350	375
Zaire.....	1,100	1,050	1,100	0.71	0.74	0.80	786	775	880
Zambia.....	763	700	700	1.44	1.79	0.86	1,096	1,250	600
Zimbabwe.....	1,127	1,101	880	1.93	1.44	0.59	2,171	1,586	515
Total.....	21,369	20,155	20,058	1.59	1.56	1.13	34,009	31,353	22,617
Asia:									
Afghanistan.....	460	460	400	1.63	1.74	1.75	750	800	700
Bhutan.....	50	50	50	1.7	1.7	1.7	85	85	85
Burma.....	123	123	127	1.58	1.51	1.54	194	186	195
Cambodia.....	25	25	22	2.20	2.20	2.27	55	55	50
China (Mainland).....	20,353	21,402	21,574	3.88	4.52	4.58	78,930	96,820	98,770
India.....	5,858	5,954	5,700	1.61	1.52	1.47	9,409	9,073	8,400
Indonesia.....	2,700	2,850	2,900	1.85	1.82	1.83	5,000	5,200	5,300
Iran.....	45	48	47	0.89	1.04	1.17	40	50	55
Iraq.....	45	50	30	2.33	2.20	1.83	105	110	55
Israel.....	1	1	1	2.00	2.00	2.00	2	2	2
Japan.....	1	1	1	2.00	2.00	2.00	2	2	2
Jordan.....	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Democratic People's Rep.....	450	450	450	6.44	6.44	6.44	2,900	2,900	2,900
Korea, Republic of.....	25	26	22	4.84	4.62	3.41	121	120	75
Lebanon.....	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia.....	19	20	20	1.79	1.75	1.75	34	35	35
Nepal.....	751	674	700	1.60	1.41	1.43	1,201	950	1,000
Pakistan.....	863	845	820	1.37	1.40	1.34	1,179	1,185	1,100
Philippines.....	3,607	3,861	3,498	1.22	1.32	1.30	4,412	5,102	4,530
Saudi Arabia.....	2	2	3	1.00	1.50	1.33	2	3	4
Syria.....	56	65	90	1.95	2.00	1.94	109	130	175
Taiwan.....	82	74	82	4.82	5.16	4.88	395	382	400
Thailand.....	1,400	1,350	1,320	2.93	2.81	2.73	4,100	3,800	3,600
Turkey.....	600	610	620	3.17	3.44	3.55	1,900	2,100	2,200
Vietnam.....	510	507	515	1.65	1.68	1.75	843	850	900
Yemen.....	40	40	40	1.13	1.25	1.25	45	50	50
Total.....	37,435	38,857	38,457	2.96	3.32	3.37	110,785	128,920	129,604
Oceania:									
Australia.....	52	52	45	4.21	3.85	3.56	219	200	160
New Zealand.....	15	18	19	9.27	9	9.68	139	162	184
Total.....	67	70	64	5.34	5.17	5.38	358	362	344
World total.....	125,827	126,444	129,920	3.66	3.77	3.71	460,916	476,145	482,526

¹ Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1987 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1987 and ends early in 1988.

² Harvested area as far as possible. ³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 45.—Corn: Price-support operations, United States, 1977-92

Marketing year	Support price				Put under support ²		Acquired by CCC under support program ³	Owned by CCC at end of marketing year ⁷
	Per bushel		Percentage of parity ¹		Quantity	Percentage of production		
	Loan	Target	Loan ⁷	Target ⁷				
	Dollars	Dollars	Percent	Percent	Million bushels	Percent	Million bushels	Million bushels
1977/78.....	2.00	2.00	58	58	1,159	18.0	12	4
1978/79.....	2.00	2.10	54	57	641	9.0	81	101
1979/80.....	2.10	2.20	50	53	557	7.0	160	260
1980/81.....	* 2.25-2.40	* 2.35-2.05	49-52	51-44	840	12.6	1	242
1981/82.....	* 2.40-2.55	2.40	49-52	49	1,978	24.1	172	280
1982/83.....	* 2.55-2.90	2.70	50-57	53	1,579	19.2	* 349	* 1,150
1983/84.....	2.65	2.86	51	55	162	3.9	9	202
1984/85.....	2.55	3.03	48	57	1,100	14.3	65	225
1985/86.....	2.55	3.03	50	59	3,158	35.6	580	546
1986/87.....	1.92	3.03	39	61	4,894	59.5	1,332	1,443
1987/88.....	1.82	3.03	37	61	4,186	58.7	787	835
1988/89.....	1.77	2.93	35	57	756	15.3	151	363
1989/90.....	1.65	2.84	31	53	920	12.2	361	233
1990/91.....	1.57	2.75	28	50	1,071	13.5	* 285	371
1991/92.....	1.62	2.75	29	49	1,005	13.4	291	* 25
1992/93 ⁸	1.72	2.75						

¹ Percentage of parity price as of the beginning of the marketing year. ² Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis. ³ Acquisition of all loans forfeited during the marketing year including loans made in previous year. For 1979, acquired through direct purchases by CCC. ⁴ Smaller value is regular loan; larger value is loan rate for crops in the farmer-owned reserve. ⁵ Producers who exceed their NCA will be eligible for the Lower Target price. ⁶ Includes Payment-In-Kind purchases. ⁷ Change in 1986 marketing year from October 1 to September 1 reflect adjustments made in supply/use and prices starting in 1976. ⁸ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 46.—Corn: United States exports (domestic), by country of destination, 1989 and 1990

Country of destination	Year ¹		Country of destination	Year ¹	
	1989	1990		1989	1990
	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons
Corn:			Korea, Rep. of.....	5,680	1,982.5
Canada.....	637.2	301.6	Taiwan.....	5,009.5	5,086
Mexico.....	4,610.9	1,899	Japan.....	13,884.6	13,639.2
Venezuela.....	593.1	321.5	Other Asia.....	226	
Peru.....	288.9	304.8	Total Asia.....	21,452	
Brazil.....	11.9	393.2	Egypt.....	1,091.7	1,756
Chile.....	40.3	220.4	Nigeria.....	0	0
Other Americas.....	367		Other Africa.....	1,351	
Total Americas.....	4,412		Total Africa.....	2,256	
EC.....	285		Other countries.....	3,862	
Spain.....	1,280		World total.....	50,481	
Portugal.....	527		Relief or charity ²		
Other Western Europe.....	97				
Total W. Europe.....	2,819				
E. Germany.....	394.5	0			
Poland.....	0	255.2			
Soviet Union.....	13,210.8	8,766.2			
Other E. Europe.....	15,710.8				
Total E. Europe and Soviet Union.....	16,310				

¹ Year beginning Oct. 1.

² Included in world total by country of destination.

n.a. not available.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 47.—Oats: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Marketing year average price per bushel received by farmers ²	Value of production ²
	Planted ¹	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1977	17,732	13,485	55.8	752,774	457,385	295,389	1.09	823,368
1978	16,407	11,126	52.3	581,657	365,615	216,042	1.20	688,625
1979	13,960	9,682	54.4	526,748	(²)	(²)	1.33	713,834
1980	13,381	8,657	53.0	458,792	(²)	(²)	1.72	812,741
1981	13,632	9,407	54.2	509,529	(²)	(²)	1.88	954,474
1982	13,951	10,258	57.8	592,630	(²)	(²)	1.49	883,724
1983	20,289	9,072	52.6	476,961	(²)	(²)	1.62	793,614
1984	12,414	8,163	58.0	473,661	(²)	(²)	1.67	798,739
1985	13,255	8,177	63.7	520,800	(²)	(²)	1.23	642,247
1986	14,691	6,860	56.3	386,356	(²)	(²)	1.21	469,061
1987	17,907	6,888	54.3	373,713	(²)	(²)	1.56	605,599
1988	13,910	5,533	39.3	217,600	(²)	(²)	2.61	532,621
1989	12,085	6,882	54.3	373,587	(²)	(²)	1.49	548,938
1990	10,423	5,945	60.1	357,524	(²)	(²)	1.14	417,637
1991 ⁴	8,654	4,796	50.6	242,526	(²)	(²)	1.15	289,408

¹ Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. ² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable, prior to 1979. ³ Estimates discontinued. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 48.—Oats: Stocks on and off farms, United States, 1977-91

Year beginning October	On farms				Off farms ¹			
	Oct. 1	Jan. 1	Apr. 1	June 1	Oct. 1	Jan. 1	Apr. 1	June 1
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977	564,095	485,267	360,516	259,548	115,459	82,707	61,317	53,556
1978	530,881	465,769	317,307	229,267	115,008	81,016	64,291	50,703
1979	465,607	400,817	284,280	198,312	102,310	76,007	55,324	38,096
1980	395,400	329,395	211,841	148,927	89,342	61,720	44,393	28,027
1981	384,681	314,132	199,279	127,119	73,745	51,101	36,172	24,813
1982	462,795	378,834	259,043	181,178	95,287	74,462	59,972	38,650
1983	425,665	322,127	226,553	151,129	79,090	56,404	43,300	29,815
1984	398,558	300,332	211,676	146,450	76,540	57,727	44,676	33,428
1985	417,387	311,207	(²)	147,181	94,993	68,426	(²)	36,534
1986 ³			(²)	103,300			(²)	29,446
1987			(²)	76,900			(²)	35,129
1988			(²)	59,930			(²)	38,404

Year beginning September	On farms				Off farms ¹			
	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1
1989			140,000	82,850			74,749	74,062
1990 ⁴	234,700	194,700	138,600	92,400	117,009	99,398	90,659	78,831
1991 ⁵	173,600	148,100	98,150	61,000	110,487	96,508	75,708	65,708

¹ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. ² Discontinued. ³ Per program modification estimates available only for June 1. ⁴ Per program modifications: stocks estimates for oats were restored for Sept. 1, Dec. 1, and Mar. 1. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 49.—Oats: Supply and disappearance, United States, 1977-92

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ¹	Government	Total
					Feed and residual	Food and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1977	164	753	2	919	515	81	596	10	606	313	0	313
1978	313	582	1	895	530	75	605	10	615	277	3	280
1979	280	527	1	808	495	73	568	3	571	234	3	236
1980	236	459	1	696	437	74	511	9	519	175	2	177
1981	177	510	2	688	458	75	533	3	536	151	1	152
1982	152	593	4	748	442	85	527	1	528	219	1	220
1983	220	477	30	726	474	70	544	1	545	179	2	181
1984	181	474	34	688	436	72	508	1	508	179	1	180
1985	180	519	27	726	464	77	541	1	542	182	2	184
1986	184	385	32	601	385	83	468	1	468	129	4	133
1987	133	374	46	552	358	81	440	1	440	108	4	112
1988	112	218	63	393	194	100	294	1	294	96	2	98
1989	98	374	66	538	266	115	381	1	381	156	1	157
1990	157	358	63	578	286	120	406	1	407	171	(²)	171
1991 ³	171	243	70	484	245	125	370	1	371	113	0	113

¹ Includes total Government loans (original and resale). ² Less than 500,000 bushels. ³ Preliminary. Totals may not add due to independent rounding.

Economic Research Service.

Table 50.—Oats: Price-support operations, United States, 1977/78-1992/93

Year beginning June 1 ¹	Support price				Put under support ³		Acquired by CCC under support program ⁴	Owned by CCC at end of market- ing year
	Per bushel		Percentage of parity ²		Quantity	Percent- age of produc- tion		
	Loan	Target	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1977/78.....	1.03		59		82.9	11.0		
1978/79.....	1.03		54		25.1	4.2	1.3	2.7
1979/80.....	1.08		50		12.0	2.2	.2	2.7
1980/81.....	⁵ 1.16-1.23		50-53		6.3	1.4		2.3
1981/82.....	⁶ 1.24-1.31		47-50		9.7	1.9	.4	.7
1982/83.....	⁵ 1.31-1.49	1.50	47-53		9.2	1.5	.7	.7
1983/84.....	1.36	1.60	46	54	3.6	.8	.8	1.4
1984/85.....	1.31	1.60	42	52	3.2	.7	.1	1.4
1985/86.....	1.31	1.60	43	53	5.6	1.1	1.1	1.9
1986/87.....	.99	1.60	35	56	7.8	2.0	1.9	3.5
1987/88.....	.94	1.60	34	58	2.9	.8	.5	3.5
1988/89.....	.90	1.55	32	55	1.0	.5	.1	2.4
1989/90.....	.85	1.50	27	48	1.8	.5	.1	.7
1990/91.....	.81	1.45	24	44	1.6	.4	0	.4
1991/92.....	.83	1.45	25	43	1.7	.7	0	.2
1992/93.....	.88	1.45	28	46				

¹ Years begin on June 1. ² Percentage of the parity price as of the beginning of the marketing year.

³ Includes loans made, purchases, and purchase agreements entered into. Higher figure denotes reserve loan rate.

⁴ Acquisitions and loans forfeited during the marketing year including loans made in previous year. ⁵ Smaller value is regular loan; larger value is loan rate for crops in the farmer-owned reserve.

⁶ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 51.—Oats: Area, yield, and production, by States, 1989–91

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	45	45	55	25	25	25	55.0	50.0	35.0	1,375	1,250	875
AR.....	65	55	50	60	45	30	73.0	60.0	56.0	4,380	2,700	1,680
CA.....	400	380	380	45	45	35	75.0	75.0	70.0	3,375	3,375	2,450
CO.....	95	90	88	55	45	30	55.0	50.0	60.0	3,025	2,250	1,800
GA.....	90	65	95	70	40	60	59.0	56.0	50.0	4,130	2,240	3,000
ID.....	90	60	80	60	30	45	68.0	66.0	68.0	4,080	1,980	3,060
IL.....	700	600	450	200	170	120	80.0	68.0	55.0	16,000	11,560	6,600
IN.....	200	140	100	95	70	45	72.0	69.0	57.0	6,840	4,830	2,565
IA.....	1,550	1,300	800	750	600	425	72.0	68.0	50.0	54,000	40,800	21,250
KS.....	280	160	160	200	120	110	45.0	55.0	53.0	9,000	6,600	5,830
KY.....	24	(³)	(³)	8	(³)	(³)	60.0	(³)	(³)	480	(³)	(³)
ME.....	40	36	32	37	31	23	70.0	65.0	60.0	2,590	2,015	1,380
MD.....	28	22	16	24	17	12	55.0	58.0	35.0	1,320	986	420
MI.....	330	250	150	300	225	120	67.0	58.0	45.0	20,100	13,050	5,400
MN.....	1,250	1,100	750	850	730	570	55.0	66.0	40.0	46,750	48,180	22,800
MO.....	110	60	65	60	42	32	60.0	53.0	51.0	3,600	2,226	1,632
MT.....	250	160	200	145	70	110	46.0	40.0	55.0	6,670	2,800	6,050
NE.....	500	450	340	240	280	220	36.0	48.0	54.0	8,640	13,440	11,880
NJ.....	8	(³)	(³)	6	(³)	(³)	44.0	(³)	(³)	264	(³)	(³)
NY.....	180	160	130	155	135	100	59.0	61.0	50.0	9,145	8,235	5,000
NC.....	100	80	85	55	40	40	57.0	61.0	55.0	3,135	2,440	2,200
ND.....	1,150	1,000	950	650	600	650	31.0	51.0	50.0	20,150	30,600	32,500
OH.....	300	270	200	250	230	170	63.0	70.0	60.0	15,750	16,100	10,200
OK.....	130	100	80	60	60	34	34.0	38.0	38.0	2,040	2,280	1,292
OR.....	105	70	80	70	45	45	98.0	102.0	105.0	6,860	4,590	4,725
PA.....	280	270	250	255	240	210	54.0	66.0	40.0	13,770	15,840	8,400
SC.....	70	60	68	40	32	40	59.0	57.0	55.0	2,360	1,824	2,200
SD.....	1,450	1,250	950	1,100	950	700	40.0	56.0	55.0	44,000	53,200	38,500
TX.....	1,100	1,100	1,100	200	225	180	33.0	41.0	40.0	6,600	9,225	7,200
UT.....	36	40	50	17	12	8	74.0	68.0	77.0	1,258	816	616
VA.....	27	(³)	(³)	9	(³)	(³)	55.0	(³)	(³)	495	(³)	(³)
WA.....	85	80	85	45	40	40	63.0	66.0	65.0	2,835	2,640	2,600
WV.....	10	10	10	6	6	5	50.0	57.0	45.0	300	342	225
WI.....	940	900	750	710	710	530	66.0	67.0	50.0	46,860	47,570	26,500
WY.....	67	60	55	30	35	32	47.0	44.0	53.0	1,410	1,540	1,696
US.....	12,085	10,423	8,654	6,882	5,945	4,796	54.3	60.1	50.6	373,587	357,524	242,526

¹ Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.² Preliminary. ³ Estimates discontinued.

National Agricultural Statistics Service.

Table 52.—Oats and oatmeal: United States exports, by country of destination, 1989 and 1990 ¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1989	1990		1989	1990
	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons
Oats:					
Mexico.....	7.1	3.9	Mexico.....	.3	.....
Nicaragua.....	0	0	Central America.....	1.6	.....
Panama.....	0	0	Peru.....	0	.....
Colombia.....	.03	.016	Ecuador.....	0	.....
Venezuela.....	0	.036	Bolivia.....	0	.....
E. Europe, Soviet Union, and Poland.....	0	.....	Other Americas.....	.8	.....
Other countries.....	5.4	.....	Other countries.....	.7	.....
World total ²	11.0	.....	World total.....	3.4	.....

¹ Year beginning Oct. 1. ² Transshipments through Canada have been included in data for countries of ultimate destination. ³ In grain equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 53.—Oats: Marketing year average price and value, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per bushel			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	1.25	1.49	1.60	1,719	1,863	1,400
AR.....	1.32	1.33	1.55	5,782	3,591	2,604
CA.....	1.66	1.62	1.55	5,603	5,468	3,798
CO.....	1.45	1.70	1.50	4,386	3,825	2,700
GA.....	1.65	1.44	1.25	6,815	3,226	3,750
ID.....	1.50	1.47	1.45	6,120	2,911	4,437
IL.....	1.40	1.09	1.10	22,400	12,600	7,260
IN.....	1.52	1.32	1.35	10,397	6,376	3,463
IA.....	1.51	1.14	1.15	81,540	46,512	24,437
KS.....	1.60	1.32	1.35	14,400	8,712	7,871
KY.....	1.57	(²)	(²)	754	(²)	(²)
ME.....	1.20	.96	1.05	3,108	1,934	1,449
MD.....	1.60	1.42	1.35	2,112	1,400	567
MI.....	1.46	1.21	1.33	29,346	15,791	7,182
MN.....	1.51	1.07	1.07	70,593	51,553	24,396
MO.....	1.65	1.20	1.30	5,940	2,671	2,122
MT.....	1.42	1.25	1.27	9,471	3,500	7,684
NE.....	1.56	1.19	1.20	13,478	15,994	14,256
NJ.....	1.80	(²)	(²)	475	(²)	(²)
NY.....	1.35	1.41	1.45	12,346	11,611	7,250
NC.....	1.40	1.67	1.50	4,389	4,075	3,300
ND.....	1.20	0.94	0.99	24,180	28,764	32,175
OH.....	1.46	1.23	1.25	22,995	19,803	12,750
OK.....	2.10	1.77	1.55	4,284	4,036	2,003
OR.....	1.50	1.48	1.41	10,290	6,793	6,662
PA.....	1.66	1.43	1.45	22,858	22,651	12,180
SC.....	1.50	1.52	1.32	3,540	2,772	2,904
SD.....	1.45	1.05	1.10	63,800	55,860	42,350
TX.....	2.06	1.51	1.50	13,596	13,930	10,800
UT.....	1.70	1.68	1.55	2,139	1,371	955
VA.....	1.70	(²)	(²)	842	(²)	(²)
WA.....	1.35	1.22	1.35	3,827	3,221	3,510
WV.....	1.45	1.13	1.15	435	386	259
WI.....	1.34	1.10	1.15	62,792	52,327	30,475
WY.....	1.55	1.37	1.45	2,186	2,110	2,459
US.....	1.49	1.14	1.15	548,938	417,637	289,408

¹ Preliminary. ² Estimates discontinued.

National Agricultural Statistics Service.

Table 54.—Oats: Area, yield, and production in specified countries, 1989/90–1991/92¹

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada.....	1,708	1,217	887	2.08	2.34	2.14	3,546	2,851	1,894
Mexico.....	110	105	100	1.00	1.00	1.00	110	105	100
United States.....	2,785	2,406	1,941	1.95	2.16	1.81	5,423	5,189	3,520
Total.....	4,603	3,728	2,928	1.97	2.18	1.88	9,079	8,145	5,514
South America:									
Argentina.....	430	324	250	1.44	1.34	1.14	620	434	400
Brazil.....	195	200	200	1.18	0.98	1.10	230	195	220
Chile.....	78	76	78	2.63	2.72	2.72	205	207	212
Colombia.....	3	3	3	1.33	1.33	1.33	4	4	4
Ecuador.....	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay.....	65	43	60	1.08	1.19	0.93	70	51	56
Total.....	772	647	692	1.46	1.38	1.29	1,130	892	893

See footnotes at end of table.

Table 54.—Oats: Area, yield, and production in specified countries, 1989/90–1991/92¹—
Continued

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:									
Belgium-Luxembourg	20	14	12	3.15	3.71	4.83	63	52	58
Denmark	27	20	21	4.63	6.05	5.71	125	121	120
France	260	214	175	3.73	3.88	4.23	970	830	740
Germany	561	611	384	3.58	3.93	4.92	2,010	2,400	1,891
Greece	40	40	40	1.55	1.55	1.75	62	62	70
Ireland	19	19	17	5.42	5.47	7.00	103	104	119
Italy	169	158	146	1.75	1.94	2.45	296	306	358
Netherlands	8	3	5	4.00	5.33	3.60	32	16	18
Portugal	188	108	152	0.69	0.57	0.53	130	62	80
Spain	345	350	323	1.43	1.46	1.27	494	512	410
United Kingdom	119	106	104	4.45	5.19	5.24	530	550	545
Total EC	1,756	1,643	1,379	2.74	3.05	3.20	4,815	5,015	4,409
Austria	67	62	61	3.72	3.94	3.69	249	244	225
Finland	446	453	343	3.24	3.67	3.37	1,444	1,662	1,155
Norway	134	130	117	3.13	4.38	3.97	420	570	465
Sweden	411	358	345	3.54	4.42	4.13	1,455	1,584	1,426
Switzerland	11	10	11	5.45	5.50	5.27	60	55	58
Total Western Europe	2,825	2,656	2,256	2.99	3.44	3.43	8,443	9,130	7,738
Albania	20	20	20	1.50	1.50	1.00	30	30	20
Bulgaria	26	26	26	1.73	1.73	1.35	45	45	35
Czechoslovakia	102	91	100	3.24	4.55	4.00	330	414	400
Hungary	42	48	42	3.10	3.29	3.24	130	158	136
Poland	803	747	700	2.72	2.84	2.65	2,186	2,119	1,852
Romania	106	144	210	1.58	1.53	1.23	168	221	258
Yugoslavia	144	139	130	1.94	2.01	1.92	279	280	250
Total Eastern Europe	1,243	1,215	1,228	2.55	2.69	2.40	3,168	3,267	2,951
Total Europe	4,068	3,871	3,484	2.85	3.20	3.07	11,611	12,397	10,689
Soviet Union (Europe and Asia)	10,750	10,553	10,749	1.39	1.47	1.17	14,972	15,546	12,592
Africa:									
Algeria	100	80	135	0.5	0.51	0.94	50	41	127
Morocco	54	43	54	1.07	1.09	1.41	58	47	76
South Africa, Rep. of	400	400	400	0.11	0.11	0.09	45	45	35
Total	554	523	589	0.28	0.25	0.40	153	133	238
Asia:									
China (Mainland)	577	580	580	1.08	1.18	1.18	622	685	686
Japan	3	4	4	2	1.5	2	6	6	8
Turkey	154	150	150	1.75	1.8	1.87	270	270	280
Total	734	734	734	1.22	1.31	1.33	898	961	974
Oceania:									
Australia	1,089	1,050	1,339	1.51	1.43	1.15	1,640	1,500	1,545
New Zealand	19	21	18	3.74	3.76	3.83	71	79	69
Total	1,108	1,071	1,357	1.54	1.47	1.19	1,711	1,579	1,614
World total	22,589	21,127	20,533	1.75	1.88	1.58	39,554	39,653	32,514

¹ Years shown refer to years of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1987 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1987 and ends early in 1988.

² Harvested area as far as possible. ³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 55.—Barley: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Marketing year average price per bushel received by farmers ²	Value of production ³
	Planted ¹	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1977	10,778	9,728	44.0	427,784	115,948	311,836	1.78	760,043
1978	9,989	9,248	49.2	454,759	120,321	334,438	1.92	871,070
1979	8,116	7,527	50.9	383,201	(²)	(²)	2.27	872,308
1980	8,320	7,260	49.7	361,135	(²)	(²)	2.79	1,016,842
1981	9,618	9,038	52.4	473,512	(²)	(²)	2.48	1,154,497
1982	9,549	9,013	57.2	515,935	(²)	(²)	2.18	1,114,993
1983	10,422	9,731	52.3	508,925	(²)	(²)	2.47	1,269,991
1984	11,957	11,231	53.4	599,204	(²)	(²)	2.29	1,356,634
1985	13,156	11,603	51.0	591,383	(²)	(²)	1.98	1,130,022
1986	13,059	12,007	50.8	610,522	(²)	(²)	1.61	989,405
1987	10,929	9,957	52.4	521,499	(²)	(²)	1.81	967,008
1988	9,831	7,636	38.0	289,994	(²)	(²)	2.80	775,229
1989	9,125	8,313	48.6	404,203	(²)	(²)	2.42	968,180
1990	8,221	7,529	56.1	422,196	(²)	(²)	2.14	911,545
1991 ⁴	8,941	8,413	55.2	464,495	(²)	(²)	2.10	1,006,592

¹ Barley sown for all purposes, including barley sown in the preceding fall. ² Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable, prior to 1979. ³ Estimates discontinued. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 56.—Barley: Stocks on and off farms, United States, 1977-91

Year beginning October	On farms				Off farms ¹			
	Oct. 1	Jan. 1	Apr. 1	June 1	Oct. 1	Jan. 1	Apr. 1	June 1
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977	270,105	221,954	150,128	105,682	139,334	110,266	89,043	67,377
1978	342,521	277,020	198,700	149,428	129,612	114,165	97,753	78,615
1979	311,704	246,489	166,089	112,430	150,319	119,210	96,271	79,701
1980	249,915	185,787	113,503	74,489	142,735	117,842	89,994	62,836
1981	298,703	227,437	144,947	92,110	148,001	101,895	79,394	55,687
1982	348,598	289,864	195,732	136,771	147,507	124,225	98,198	79,926
1983	344,312	244,836	169,327	116,998	171,630	122,682	99,563	72,395
1984	403,309	307,300	216,721	163,861	171,479	129,623	103,147	84,033
1985	462,298	365,647	(²)	199,288	193,302	165,360	(²)	127,956
1986	(²)	(²)	(²)	193,875	(²)	(²)	(²)	142,437
1987	(²)	(²)	(²)	193,020	(²)	(²)	(²)	128,107
Year beginning September	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1
1988	238,910	182,470	123,265	84,519	211,468	189,648	157,334	111,877
1989	254,350	186,440	102,825	48,590	163,598	164,168	149,870	112,226
1990	258,400	176,400	94,850	48,990	152,453	129,327	116,062	86,392
1991 ³	271,000	196,300	102,000	45,140	168,952	132,087	116,628	84,893

¹ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. ² Per program modification estimates not available for Apr., Oct., and/or Jan. ³ Preliminary.

National Agricultural Statistics Service.

Table 57.—Barley: Supply and disappearance, United States, 1977-91

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Private-ly held ¹	Government	Total
					Feed and residual	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1977.....	126	428	6	561	177	155	332	55	388	173	0	173
1978.....	173	455	7	635	215	167	382	25	407	226	2	228
1979.....	228	383	7	618	202	172	373	53	426	189	3	192
1980.....	192	361	6	559	168	178	346	76	422	134	3	137
1981.....	137	474	7	618	198	174	371	98	470	145	3	148
1982.....	148	516	8	672	237	174	411	44	455	211	6	217
1983.....	217	508	5	730	278	174	452	89	541	177	12	189
1984.....	189	598	8	795	301	175	476	72	548	232	16	247
1985.....	247	590	6	844	319	178	497	20	517	270	57	321
1986.....	327	609	7	942	298	175	472	134	606	261	76	336
1987.....	336	522	11	869	253	174	427	121	548	271	50	321
1988.....	321	290	11	622	171	175	346	79	425	166	30	196
1989.....	196	404	13	614	193	175	369	84	453	142	19	161
1990.....	161	422	14	597	205	176	381	81	461	127	8	135
1991 ²	135	465	25	625	225	175	400	100	500	119	6	125

¹ Includes Government loans (original and resale). ² Preliminary. Totals may not add due to independent rounding.

Economic Research Service.

Table 58.—Barley: Area, yield, and production, by States, 1989-91

State	Area planted ¹			Area harvested			Yield per harvested acre			Production		
	1988	1989	1990 ²	1988	1989	1990 ²	1988	1989	1990 ²	1988	1989	1990 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AZ.....	15	17	22	12	15	20	103.0	105.0	120.0	1,236	1,575	2,400
CA.....	320	300	240	250	230	160	58.0	58.0	59.0	14,500	13,340	9,440
CO.....	190	155	140	160	150	130	76.0	80.0	80.0	12,160	12,000	10,400
DE.....	50	30	40	40	27	37	55.0	70.0	68.0	2,200	1,890	2,516
ID.....	870	790	800	850	780	790	70.0	72.0	75.0	59,500	56,160	59,250
KS.....	60	25	30	18	21	23	32.0	44.0	33.0	576	924	759
KY.....	20	19	25	17	17	22	67.0	60.0	55.0	1,139	1,020	1,210
MD.....	90	70	85	80	63	78	50.0	68.0	64.0	4,000	4,284	4,992
MI.....	45	45	35	40	43	33	58.0	60.0	43.0	2,320	2,580	1,419
MN.....	925	850	900	800	800	875	55.0	63.0	50.0	44,000	50,400	43,750
MT.....	1,700	1,600	1,800	1,600	1,380	1,650	43.0	41.0	52.0	68,800	56,580	85,800
NE.....	35	25	30	25	22	27	26.0	40.0	45.0	650	880	1,215
NV.....	12	12	8	11	9	4	90.0	75.0	90.0	990	675	360
NJ.....	12	8	11	8	6	8	59.0	62.0	61.0	472	372	488
NM.....	10	(³)	(³)	5	(³)	(³)	75.0	(³)	(³)	375	(³)	(³)
NC.....	50	35	40	43	30	35	48.0	53.0	47.0	2,064	1,590	1,645
ND.....	2,800	2,600	2,900	2,650	2,450	2,830	37.0	53.0	49.0	98,050	129,850	138,670
OK.....	25	20	15	20	17	10	40.0	41.0	37.0	800	697	370
OR.....	200	145	190	180	130	175	67.0	70.0	72.0	12,060	9,100	12,600
PA.....	90	65	75	85	60	70	59.0	69.0	60.0	5,015	4,140	4,200
SC.....	12	15	10	10	13	9	56.0	52.0	31.0	560	676	279
SD.....	650	550	500	550	500	460	35.0	49.0	39.0	19,250	24,500	17,940
TX.....	25	30	30	15	16	10	32.0	38.0	32.0	480	608	320
UT.....	134	115	105	114	105	95	79.0	81.0	83.0	9,006	8,505	7,885
VA.....	95	100	105	75	80	85	65.0	66.0	67.0	4,875	5,280	5,695
WA.....	500	400	580	490	390	570	58.0	58.0	65.0	28,420	22,620	37,050
WI.....	80	70	85	65	50	72	57.0	54.0	46.0	3,705	2,700	3,312
WY.....	110	130	140	100	125	135	70.0	74.0	78.0	7,000	9,250	10,530
US.....	9,125	8,221	8,941	8,313	7,529	8,413	48.6	56.1	55.2	404,203	422,196	464,495

¹ Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.

² Preliminary. ³ Estimates discontinued.

National Agricultural Statistics Service.

Table 59.—Barley: Marketing year average price and value, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per bushel			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AZ.....	3.10	2.79	2.60	3,832	4,394	6,240
CA.....	2.66	2.62	2.50	38,570	34,951	23,600
CO.....	3.28	3.06	2.95	39,885	36,720	30,680
DE.....	1.90	1.89	1.55	4,180	3,572	3,900
ID.....	2.73	2.62	2.75	162,435	147,139	162,938
KS.....	2.00	1.69	1.75	1,152	1,562	1,328
KY.....	1.84	2.19	1.50	2,096	2,234	1,815
MD.....	2.05	1.97	1.55	8,200	8,439	7,738
MI.....	2.90	1.68	1.60	6,728	4,334	2,270
MN.....	2.62	1.87	1.70	115,280	94,248	74,375
MT.....	2.21	2.30	2.60	152,048	130,134	223,080
NE.....	1.75	2.21	1.80	1,138	1,945	2,187
NV.....	2.40	2.20	2.10	2,376	1,485	756
NJ.....	2.00	1.95	1.45	944	725	708
NM.....	2.52	(²)	(²)	945	(²)	(²)
NC.....	1.60	2.03	1.90	3,328	3,228	3,126
ND.....	2.15	1.88	1.75	210,808	244,118	242,673
OK.....	2.20	1.92	2.00	1,760	1,338	740
OR.....	2.27	2.32	2.30	27,376	21,112	28,980
PA.....	2.00	2.11	1.70	10,030	8,735	7,140
SC.....	2.05	2.19	1.95	1,148	1,480	544
SD.....	2.38	1.75	1.70	45,815	42,875	30,498
TX.....	2.10	2.13	2.00	1,008	1,295	640
UT.....	2.23	2.37	2.20	20,083	20,157	17,347
VA.....	2.10	2.10	1.70	10,238	11,088	9,682
WA.....	2.29	2.12	2.25	65,082	47,954	83,363
WI.....	2.10	1.79	1.50	7,781	4,833	4,968
WY.....	3.42	3.40	3.35	23,940	31,450	35,276
US.....	2.42	2.14	2.10	968,180	911,545	1,006,592

¹ Preliminary. ² Estimates discontinued.

National Agricultural Statistics Service.

Table 60.—Barley: Price-support operations, United States, 1977/78–1992/93

Marketing year June 1 ¹	Support price				Put under support ³			Owned by CCC at end of market- ing year
	Per bushel		Percentage of parity ²		Quantity	Percent- age of produc- tion	Acquired by CCC under support program ⁴	
	Loan	Target	Loan	Target				
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1977/78.....	1.63	2.15	54	71	86.7	20.6		
1978/79.....	1.63	2.25	50	69	67.6	15.1	2.5	2.5
1979/80.....	1.71	2.40	44	61	30.0	7.9	.8	3.2
1980/81.....	⁶ 1.83-1.95	⁶ 2.55-2.29	45-48	62-56	⁶ 31.2	8.6	.1	3.4
1981/82.....	⁵ 1.95-2.07	2.60	43-46	57	60.5	⁶ 12.6	3.7	3.3
1982/83.....	⁵ 2.08-2.37	2.60	44-50	55	92.6	17.9	4.4	6.0
1983/84.....	2.16	2.60	44	53	32.4	6.4	5.6	11.3
1984/85.....	2.08	2.60	42	52	57.0	9.5	3.4	14.6
1985/86.....	2.08	2.60	44	54	159.3	26.9	47.8	57.4
1986/87.....	1.56	2.60	35	58	164.7	27.0	60.7	75.5
1987/88.....	1.49	2.60	34	59	122.7	23.5	25.5	50.1
1988/89.....	1.44	2.51	32	56	21.9	7.6	10.3	30.4
1989/90.....	1.34	2.43	28	51	24.0	5.9	16.1	19.3
1990/91.....	1.28	2.36	26	48	33.8	8.0	.4	8.4
1991/92.....	1.32	2.36	27	47	38.0	8.2	*	6.5
1992/93.....	1.40	2.36	29	49				

¹ Years begin on June 1. ² Percentage of parity price as of the beginning of the marketing year. ³ Represents loans made, purchases, and purchase agreements entered into. ⁴ Acquisition of all loans forfeited during the marketing year including loans made in previous years. ⁵ Smaller value is regular loan; larger value is loan rate for crops in the farmers-owned reserves. ⁶ Producers who exceed their NCA will be eligible for the lower target price. ⁷ Preliminary. * Less than 50,000 bushels.

Agricultural Stabilization and Conservation Service.

Table 61.—Barley and malt: United States exports, by country of destination, 1989 and 1990 ¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1989	1990		1989	1990
	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons
Barley: ²			Malt: ⁴		
Mexico.....	183.7	67.4	Canada.....	0	
Germany, Fed. Rep. of.....	0	0	Mexico.....	97.1	
Italy.....	33.0	4.6	Costa Rica.....	0	
Netherlands.....	0		Dominican Republic.....	0	
Belgium-Luxembourg.....	0		Jamaica.....	0	
Other Europe.....	74.9		Guyana.....	0	
Japan.....	50.9	63.9	Peru.....	0	
Other countries.....	1,426.1		Venezuela.....	0	
World total ³	1,798.7	1,507.1	Other Americas.....	2	
			Japan.....	7.9	
			Other countries.....	1.2	
			World total.....	106.4	

¹ Year beginning Oct. 1. ² U.S. Barley and U.S. Barley, N.S.P.F. ³ Transshipments through Canada have not been included in data for countries of ultimate destination. ⁴ In grain equivalent.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 62.—Barley: Area, yield, and production in specified countries, 1989/90–1991/92 ¹

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	4,658	4,702	4,480	2.50	2.96	2.78	11,666	13,925	12,463
Mexico.....	290	240	220	1.66	1.88	1.95	480	450	430
United States.....	3,364	3,047	3,405	2.62	3.02	2.97	8,800	9,192	10,113
Total.....	8,312	7,989	8,105	2.52	2.95	2.84	20,946	23,567	23,006
South America:									
Argentina.....	163	133	225	2.10	2.28	2.51	343	303	565
Bolivia.....	95	100	100	0.79	0.79	0.80	75	79	80
Brazil.....	113	105	95	2.19	2.00	1.89	248	210	180
Chile.....	26	32	33	3.54	3.34	3.33	92	107	110
Colombia.....	50	50	50	1.98	2.04	2.00	99	102	100
Ecuador.....	28	45	33	1.07	0.89	0.91	30	40	30
Peru.....	116	80	100	1.08	1.00	1.10	125	80	110
Uruguay.....	89	70	90	2.28	1.90	1.76	203	133	158
Total.....	680	615	726	1.79	1.71	1.84	1,215	1,054	1,333
Europe:									
Belgium-Luxembourg.....	125	107	89	5.65	5.53	6.44	706	592	573
Denmark.....	988	910	917	5.02	5.48	5.43	4,959	4,988	4,978
France.....	1,810	1,760	1,740	5.44	5.74	6.15	9,840	10,100	10,700
Germany.....	2,625	2,613	2,531	5.49	5.35	5.71	14,416	13,992	14,449
Greece.....	225	245	185	2.22	1.96	3.03	500	480	561
Ireland.....	263	237	228	5.61	5.60	5.47	1,475	1,328	1,248
Italy.....	471	467	467	3.49	3.64	3.80	1,644	1,702	1,774
Netherlands.....	50	40	42	5.02	5.48	5.67	251	219	238
Portugal.....	125	55	70	0.70	1.13	1.14	87	62	80
Spain.....	4,260	4,359	4,371	2.14	2.16	2.07	9,100	9,414	9,040
United Kingdom.....	1,662	1,529	1,400	4.86	5.17	5.50	8,070	7,900	7,700
Total EC.....	12,604	12,322	12,040	4.05	4.12	4.26	51,048	50,777	51,341
Austria.....	292	292	296	4.87	5.21	4.82	1,422	1,520	1,427
Finland.....	517	486	541	3.15	3.54	3.29	1,630	1,720	1,779
Malta & Gozo.....	1	1	1	2.00	2.00	2.00	2	2	2
Norway.....	175	173	183	3.34	4.23	4.05	585	731	741
Sweden.....	477	461	460	3.92	4.60	4.21	1,870	2,122	1,935
Switzerland.....	56	60	60	6.43	5.77	5.93	360	346	356
Total Western Europe.....	1,518	1,473	1,541	3.87	4.37	4.05	5,869	6,441	6,240

See footnotes at end of table.

Table 62.—Barley: Area, yield, and production in specified countries, 1989/90-1991/92 ¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe—Continued									
Albania	13	13	10	3.08	3.23	2.50	40	42	25
Bulgaria	360	360	383	4.86	3.74	3.90	1,568	1,345	1,495
Czechoslovakia	752	743	797	4.72	5.45	4.77	3,550	4,051	3,798
Hungary	283	297	320	4.68	4.57	4.86	1,324	1,358	1,554
Poland	1,175	1,174	1,237	3.33	3.59	3.41	3,909	4,217	4,217
Romania	768	749	1,018	4.43	3.54	2.90	3,400	2,651	2,951
Yugoslavia	242	245	245	2.90	2.82	3.08	702	692	754
Total Eastern.....									
Europe	3,593	3,581	4,010	4.03	4.01	3.69	14,493	14,356	14,794
Total Europe	17,715	17,876	17,591	4.03	4.12	4.11	71,410	71,574	72,375
Soviet Union (Europe and Asia)	27,646	26,192	28,724	1.62	2.01	1.37	44,857	52,530	39,397
Africa:									
Algeria	1,050	1,200	1,400	0.75	0.67	1.25	790	800	1,750
Egypt	55	55	55	3.09	3.09	3.09	170	170	170
Ethiopia	930	950	860	1.23	1.25	1.15	1,142	1,188	990
Kenya	85	85	85	1.06	1.06	1.06	90	90	90
Libya	280	280	280	0.27	0.29	0.29	75	80	80
Morocco	2,399	2,415	2,357	1.25	0.89	1.38	2,999	2,138	3,253
South Africa:									
Republic of	97	129	135	3.00	2.03	1.35	291	262	182
Tunisia	412	550	552	0.49	0.87	1.31	200	478	721
Zimbabwe	5	5	5	6.00	6.00	6.00	30	30	30
Total	5,813	5,669	5,729	1.09	0.92	1.27	5,787	5,236	7,266
Asia:									
Afghanistan	245	245	250	1.02	1.02	0.80	250	250	200
Bangladesh	7	7	7	0.71	0.71	0.71	5	5	5
Bhutan	4	5	5	1.00	1.00	1.00	4	5	5
China (Mainland)	1,218	1,208	1,200	2.93	3.25	3.27	3,571	3,930	3,928
Cyprus	55	65	50	2.36	1.62	1.08	130	105	54
India	1,081	991	977	1.59	1.50	1.68	1,722	1,486	1,642
Iran	2,650	2,650	2,650	1.08	1.26	1.36	2,850	3,350	3,600
Iraq	913	1,400	1,150	0.73	0.75	0.78	663	1,050	900
Israel	14	15	14	0.29	0.53	0.36	4	8	5
Japan	113	106	91	3.28	3.26	2.95	371	346	268
Jordan	44	34	83	0.66	1.06	0.30	29	36	25
Korea, Republic of	179	160	127	3.99	3.60	3.82	715	576	485
Lebanon	4	5	5	1.25	1.20	1.20	5	6	6
Nepal	29	30	29	0.93	0.90	0.86	27	27	25
Pakistan	159	155	157	0.77	0.85	0.90	123	131	142
Saudi Arabia	65	75	85	4.62	5.00	4.71	300	375	400
Syria	750	1,000	2,208	0.36	0.50	0.42	271	500	926
Turkey	3,350	3,400	3,400	1.46	1.94	2.00	4,900	6,600	6,800
Yemen	50	52	52	1.00	1.06	1.06	50	55	55
Total	10,930	11,603	12,540	1.46	1.62	1.55	15,990	18,841	19,471
Oceania:									
Australia	2,310	2,510	2,821	1.75	1.62	1.43	4,044	4,055	4,025
New Zealand	88	97	84	3.70	4.48	4.48	326	435	376
Total	2,398	2,607	2,905	1.82	1.72	1.51	4,370	4,490	4,401
World total	72,994	72,051	76,320	2.25	2.46	2.19	164,575	177,292	167,249

¹ Years shown refer to year of harvest. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1987 is combined with estimates of the Southern Hemisphere harvests, which begin late in 1987 and end early in 1988.

² Harvested area as far as possible. ³ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 63.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1977-91

Calendar year	Wheat			Rye		Rice (milled)		Corn						Oats		Barley	
	Total con- sumed ¹	Per capita consumption of food products		Total con- sumed ¹	Per capita consump- tion of rye flour	Total con- sumed ¹	Per capita consump- tion	Total con- sumed ³	Per capita consumption of food products					Total con- sumed ⁴	Per capita consump- tion of oat food products	Total con- sumed ⁵	Per capita consump- tion of food prod- ucts ⁶
		Flour ²	Cere- al						Flour and meal	Homi- ny and grits	Syrup	Sugar	Starch				
<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million cwt.</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>		
1977	587	115	2.6	3.6	.9	16.4	7.5	414	6.6	3.3	26.7	4.1	2.3	47	7.2	6.9	0.9
1978	592	115	2.7	3.7	.9	12.4	5.6	436	6.8	3.1	29.0	3.8	2.5	50	7.6	7.7	1.0
1979	596	117	2.7	3.5	.9	21.0	9.4	461	7.1	3.0	32.3	3.6	2.7	53	8.0	7.9	1.1
1980	611	117	2.7	3.6	.9	21.3	9.4	504	7.4	2.8	35.2	3.8	2.7	55	8.2	8.1	1.1
1981	602	116	2.9	3.5	.8	25.0	10.9	418	7.7	2.7	40.0	3.5	2.9	56	8.2	7.9	1.0
1982	616	117	3.0	3.3	.8	27.3	11.8	462	8.0	2.9	44.7	3.5	2.9	58	8.5	7.8	1.0
1983	643	118	3.2	3.5	.8	23.1	9.9	528	8.4	3.0	49.2	3.5	3.3	59	8.5	7.7	1.0
1984	651	119	3.4	3.5	.8	19.9	8.5	584	9.4	3.1	55.4	3.5	3.5	60	8.6	7.7	0.9
1985	674	125	3.7	3.5	.8	21.3	9.0	618	10.2	3.2	63.0	4.2	3.7	60	8.5	7.8	1.0
1986	712	126	3.9	3.5	.8	27.7	11.6	650	11.9	3.3	63.9	4.2	4.2	64	9.0	7.8	1.0
1987	721	130	4.2	3.5	.8	33.7	14.0	678	13.6	3.3	65.6	4.3	4.2	70	9.8	7.9	1.0
1988	726	130	4.3	3.5	.8	34.8	14.3	691	14.0	3.4	67.4	4.2	4.4	80	11.0	8.0	1.0
1989	753	129	4.5	3.5	.8	37.5	15.2	711	14.0	3.4	67.9	4.4	4.1	90	12.3	8.1	1.0
1990	796	136	4.6	3.5	.8	40.4	16.2	728	14.0	3.4	68.7	4.5	4.3	95	12.8	8.1	0.9
1991 ⁷	775	136	4.7	3.5	.8	42.7	17.0	747	n.a.	n.a.	69.4	4.5	n.a.	98	13.1	8.1	0.9

n.a. not available. ¹ Excludes quantities used in alcoholic beverages. ² Includes white, whole wheat, and semolina flour. ³ Includes an allowance for the quantity used as hominy and grits. ⁴ Oats used in oatmeal, prepared breakfast foods, infant foods, and food products. ⁵ Malt for food, breakfast food uses, pearl barley, and flour. ⁶ Malt equivalent of barley food products. ⁷ Preliminary. Estimates of corn syrup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968.

Economic Research Service. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies.

Table 64.—Sorghum: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area planted for all purposes ¹	Sorghum for grain ²						Sorghum for silage				Forage area harvested ⁴
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Marketing year average price per bushel ³	Value of production ³	Area harvested	Yield per harvested acre	Production	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1977.....	16,636	13,797	56.6	780,944	249,333	531,611	1.82	1,411,570	839	10.9	9,184	1,556
1978.....	16,197	13,410	54.5	731,270	236,476	494,794	2.01	1,464,187	724	10.9	7,920	1,449
1979.....	15,277	12,901	62.6	807,422	(⁵)	(⁵)	2.35	1,876,641	764	11.8	8,990	1,211
1980.....	15,639	12,513	46.3	579,343	(⁵)	(⁵)	2.91	1,696,641	734	9.5	7,003	1,412
1981.....	15,930	13,677	64.0	875,835	(⁵)	(⁵)	2.25	2,078,529	786	12.0	9,447	1,024
1982.....	16,028	14,137	59.1	835,083	(⁵)	(⁵)	2.47	1,927,535	603	12.3	7,403	914
1983.....	11,880	10,001	48.7	487,521	(⁵)	(⁵)	2.74	1,384,161	639	10.3	6,572	747
1984.....	17,254	15,355	56.4	866,241	(⁵)	(⁵)	2.32	2,050,471	609	10.6	6,472	679
1985.....	18,285	16,782	66.8	1,120,271	(⁵)	(⁵)	1.93	2,243,450	534	12.3	6,566	796
1986.....	15,336	13,859	67.7	938,124	(⁵)	(⁵)	1.37	1,323,441	500	11.8	5,898	(⁵)
1987.....	11,756	10,531	69.4	730,809	(⁵)	(⁵)	1.70	1,179,444	429	12.4	5,307	(⁵)
1988.....	10,343	9,042	63.8	576,686	(⁵)	(⁵)	2.27	1,337,424	518	10.1	5,252	(⁵)
1989.....	12,642	11,103	55.4	615,420	(⁵)	(⁵)	2.10	1,287,738	541	10.4	5,647	(⁵)
1990.....	10,535	9,089	63.1	573,303	(⁵)	(⁵)	2.12	1,220,499	527	10.2	5,377	(⁵)
1991 ⁶	11,014	9,820	59.0	579,490	(⁵)	(⁵)	2.35	1,347,366	483	10.0	4,806	(⁵)

¹ Grain and sweet sorghum for all uses, including sirup. ² Includes both grain sorghum for grain, and sweet sorghum for grain or seed. ³ Based on the reported price of grain sorghum. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable, prior to 1979. ⁴ Includes hogged or grazed and that cut and fed without removing grain. ⁵ Estimates discontinued. ⁶ Preliminary.

National Agricultural Statistics Service.

Table 65.—Sorghum grain: Stocks on and off farms, United States, 1977-92

Year	On farms				Off farms ¹			
	Jan. 1	Apr. 1	June 1	Oct. 1 ²	Jan. 1	Apr. 1	June 1	Oct. 1 ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977.....	158,699	87,333	60,563	21,396	331,631	208,250	135,182	69,646
1978.....	218,292	139,450	108,316	56,056	398,245	273,525	210,749	134,477
1979.....	235,515	140,806	99,216	40,847	401,484	276,684	222,988	118,683
1980.....	234,708	142,489	91,347	40,356	412,290	253,164	136,288	106,064
1981.....	138,845	81,191	50,984	29,434	325,782	232,726	138,547	79,090
1982.....	255,113	124,785	92,673	61,383	432,902	336,665	286,813	235,032
1983.....	267,744	150,101	96,012	59,937	542,706	471,104	433,061	340,296
1984.....	149,330	88,631	61,453	37,932	505,498	380,979	307,444	212,836
1985.....	228,780	134,904	89,076	45,870	496,283	346,392	271,700	225,147
1986.....	330,087	(³)	138,044	* 91,500	664,180	(³)	491,984	* 459,506
1987.....	(³)	(³)	149,100	103,200	(³)	(³)	685,871	640,133
1988.....	(³)	(³)	105,900	69,420	(³)	(³)	701,945	593,231
1989.....	(³)	(³)	85,200	47,800	(³)	(³)	473,768	391,712

Year	On farms				Off farms			
	Dec. 1	Mar. 1	June 1	Sept. 1	Dec. 1	Mar. 1	June 1	Sept. 1
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1990 ⁵		88,050	44,500	30,300		425,549	290,484	189,459
1991.....	140,000	73,780	43,750	22,150	372,340	259,099	178,250	120,435
1992 (⁶).....	110,200	54,960	34,140		340,262	196,251	76,247	

¹ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. ² Old crop only. ³ Per program modification estimates available only for June 1 and September 1. ⁴ Beginning 1986, estimates for September 1. ⁵ Per program changes—estimates for Mar. 1 and Sept. 1 reinstated. ⁶ Preliminary.

National Agricultural Statistics Service.

Table 66.—Sorghum: Supply and disappearance, United States, 1977-91

Year beginning September	Supply				Disappearance				Ending stocks Sept. 30			
	Beginning stocks	Production	Imports	Total	Domestic use			Exports	Total disappearance	Privately held ¹	Government	Total
					Feed and residual	Food, alcohol, and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1977.....	117	781		898	448	11	459	223	682	211	5	216
1978.....	216	731		948	538	12	550	190	740	164	44	208
1979.....	208	807		1,015	495	12	508	330	837	132	46	178
1980.....	178	579		757	323	11	334	293	627	89	41	130
1981.....	130	876		1,006	417	11	428	260	688	277	42	319
1982.....	319	835		1,154	495	10	505	210	715	268	171	439
1983.....	439	488	(²)	927	385	10	395	244	639	185	103	287
1984.....	287	866		1,154	539	17	557	297	854	188	112	300
1985.....	300	1,120		1,421	664	28	692	178	870	344	207	551
1986.....	551	939		1,490	536	12	548	198	746	334	409	743
1987.....	743	731		1,474	555	25	580	232	812	199	464	663
1988.....	663	577		1,239	466	22	488	312	800	99	341	440
1989.....	440	615	(²)	1,055	517	15	532	303	835	57	163	220
1990.....	220	573	(²)	793	404	14	418	232	650	78	65	143
1991 (³).....	143	579		722	355	15	370	245	615	102	5	107

¹ Includes total Government loans (original and resale). ² Less than 500 thousand bushels. ³ Preliminary. Totals may not add due to independent rounding.

Economic Research Service.

Table 67.—Sorghum: Area, yield, and production, by States, 1989-91

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	45	30	30	30	22	23	50.0	45.0	55.0	1,500	990	1,265
AZ.....	6	(²)	(²)	3	(²)	(²)	80.0	(²)	(²)	240	(²)	(²)
AR.....	370	300	290	340	275	270	62.0	66.0	57.0	21,080	18,150	15,390
CA.....	13	(²)	(²)	9	(²)	(²)	90.0	(²)	(²)	810	(²)	(²)
CO.....	400	270	320	325	220	270	35.0	47.0	40.0	11,375	10,340	10,800
GA.....	90	80	90	50	40	50	40.0	30.0	50.0	2,000	1,200	2,500
IL.....	150	210	180	140	195	173	83.0	75.0	80.0	11,620	14,625	13,840
KS.....	4,100	3,100	3,400	3,750	2,800	3,150	53.0	66.0	56.0	198,750	184,800	176,400
KY.....	13	35	32	9	31	28	80.0	84.0	73.0	720	2,604	2,044
LA.....	110	135	205	95	128	184	65.0	65.0	55.0	6,175	8,320	10,120
MS.....	100	90	85	85	85	70	53.0	65.0	62.0	4,505	5,525	4,340
MO.....	600	550	550	570	520	520	79.0	82.0	72.0	45,030	42,640	37,440
NE.....	1,850	1,600	1,450	1,630	1,410	1,300	62.0	77.0	66.0	101,060	108,570	85,800
NM.....	280	140	180	250	50	170	50.0	65.0	60.0	12,500	3,250	10,200
NC.....	90	65	45	60	40	25	54.0	46.0	50.0	3,240	1,840	1,250
OK.....	400	380	350	360	350	300	49.0	47.0	45.0	17,640	16,450	13,500
SC.....	30	40	32	10	8	12	45.0	33.0	38.0	450	264	456
SD.....	460	500	500	260	260	310	40.0	55.0	42.0	10,400	14,300	13,020
TN.....	35	60	75	27	55	65	75.0	77.0	65.0	2,025	4,235	4,225
TX.....	3,500	2,950	3,200	3,100	2,600	2,900	53.0	52.0	61.0	164,300	135,200	176,900
US.....	12,642	10,535	11,014	11,103	9,089	9,820	55.4	63.1	59.0	615,420	573,303	579,490

¹ Preliminary. (²) Estimates discontinued.

National Agricultural Statistics Service.

Table 68.—Sorghum: Utilization for silage, by States, 1989-91

State	Silage								
	Area harvested			Yield per acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL.....	10	4	5	10.0	9.0	12.0	100	36	60
AZ.....	3	(²)	(²)	20.0	(²)	(²)	60	(²)	(²)
AR.....	7	6	4	11.0	11.0	6.0	77	66	24
CA.....	3	(²)	(²)	19.0	(²)	(²)	57	(²)	(²)
CO.....	25	20	22	14.0	13.0	15.0	350	260	330
GA.....	35	25	35	12.0	10.0	13.0	420	250	455
IL.....	6	6	3	12.0	10.0	8.0	72	60	24
KS.....	130	100	100	11.0	13.5	10.0	1,430	1,350	1,000
KY.....	3	3	2	14.0	11.0	9.0	42	33	18
LA.....	4	1	1	11.0	9.0	8.0	44	9	8
MS.....	5	3	10	9.0	8.0	11.0	45	24	110
MO.....	15	20	10	10.0	11.0	8.0	150	220	80
NE.....	110	80	80	11.0	11.5	9.5	1,210	920	760
NM.....	3	3	3	12.0	12.0	16.0	36	36	48
NC.....	23	20	15	11.0	9.0	12.0	253	180	180
OK.....	13	12	8	13.0	9.0	10.0	169	108	80
SC.....	18	22	18	10.0	6.5	11.0	180	143	198
SD.....	100	175	130	6.0	8.0	8.0	600	1,400	1,040
TN.....	6	3	7	11.0	14.0	13.0	66	42	91
TX.....	22	24	30	13.0	10.0	10.0	286	240	300
US.....	541	527	483	10.4	10.2	10.0	5,647	5,377	4,806

¹ Preliminary. (²) Estimates discontinued.

National Agricultural Statistics Service.

Table 69.—Sorghum grain: Marketing year average price and value, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per bushel			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	2.10	2.27	2.70	3,150	2,247	3,416
AZ.....	2.83	(²)	(²)	679	(²)	(²)
AR.....	2.22	2.25	2.45	46,798	40,838	37,706
CA.....	2.63	(²)	(²)	2,130	(²)	(²)
CO.....	2.20	2.09	2.25	25,025	21,611	24,300
GA.....	2.58	2.47	2.20	5,160	2,964	5,500
IL.....	2.13	2.09	2.30	24,751	30,566	31,832
KS.....	2.00	2.00	2.30	397,500	369,600	405,720
KY.....	2.23	2.16	2.20	1,606	5,625	4,497
LA.....	2.30	2.42	2.40	14,202	20,134	24,288
MS.....	2.35	2.26	2.55	10,587	12,486	11,067
MO.....	2.16	2.18	2.35	97,265	92,955	87,984
NE.....	2.03	2.05	2.30	205,152	222,568	197,340
NM.....	2.18	2.38	2.45	27,250	7,735	24,990
NC.....	1.90	2.18	2.30	6,156	4,011	2,875
OK.....	2.09	2.13	2.35	36,868	35,039	31,725
SC.....	2.30	2.46	2.50	1,035	649	1,140
SD.....	1.88	1.88	2.10	19,552	26,884	27,342
TN.....	2.32	2.26	2.35	4,698	9,571	9,929
TX.....	2.18	2.33	2.35	358,174	315,016	415,715
US.....	2.10	2.12	2.35	1,287,738	1,220,499	1,347,366

¹ Preliminary. ² Estimates discontinued.
National Agricultural Statistics Service.

Table 70.—Sorghum grain: Price-support operations, United States, 1977/78-1992/93

Marketing year	Support price				Put under support ²		Acquired by CCC under support program ³	Owned by CCC at end of marketing ⁴ year
	Per cwt.		Percentage of parity ¹		Quantity	Percentage of production		
	Loan	Target	Loan	Target				
	Dollars	Dollars	Percent	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
1977/78.....	3.39	4.07	59	70	121.7	27.5	7.2	⁴ 7.3
1978/79.....	3.39	4.07	55	66	51.6	12.3	17.1	24.4
1979/80.....	3.57	4.18	52	60	35.8	7.9	1.3	24.6
1980/81.....	⁵ 3.82-4.07	⁶ 4.46-4.38	49-53	58-57	18.1	5.6	.1	21.4
1981/82.....	⁵ 4.07-4.32	4.55	49-52	55	155.0	31.5	6.5	24.0
1982/83.....	⁵ 4.32-4.91	4.64	50-57	54	134.5	28.8	⁷ 41.0	⁷ 92.4
1983/84.....	4.50	4.86	51	56	7.6	2.8	1.7	50.0
1984/85.....	4.32	5.14	48	57	36.4	7.5	36.4	67.6
1985/86.....	4.32	5.14	50	60	201.3	32.0	87.5	116.2
1986/87.....	3.25	5.14	39	61	222.2	42.3	127.9	229.0
1987/88.....	3.11	5.14	37	61	201.3	49.2	119.7	259.6
1988/89.....	3.00	4.96	35	57	22.7	7.0	17.0	190.9
1989/90.....	2.80	4.82	31	54	11.7	3.4	10.1	91.0
1990/91.....	2.66	4.66	29	50	12.1	3.8	5.0	⁹ 36.2
1991/92.....	2.75	4.66	29	49	9.5	2.9	5.4	⁹ 5.0
1992/93 ⁸	2.91	4.66						

¹ Percentage of parity price as of the beginning of the marketing year. ² Represents loans made, purchases, and purchase agreements entered into. ³ Acquisition of all loans forfeited during the marketing year including loans made in previous years. ⁴ Uncommitted CCC inventory. ⁵ Smaller value is regular loan; larger value is loan rate for crops in the former-owned reserve. ⁶ Producers who exceed their NCA will be eligible for the lower target price. ⁷ Includes Payment-In-Kind purchases. ⁸ Change in 1986 marketing year from October 1 to September 1 reflect adjustments made in supply/use and prices starting in 1976. ⁹ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 71.—Sorghum grain: United States exports by country of destination, 1989-90 ¹

Country of destination	Year ¹		Country of destination	Year ¹	
	1989	1990		1989	1990
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Western Hemisphere:			Asia:		
Canada	1.2	1.3	Israel	347.6	165.9
Mexico	3,020.1	3,024.6	Japan	3,074.8	1,852.1
Other countries	1,090.8		Taiwan	82.1	0
Total Americas	3,360.7		Total Asia and Oceania	2,755.4	
Europe:			Africa:		
Belgium-Luxembourg	0	.8	Senegal	0	8.8
Germany, Fed. Rep. of	0		South Africa	0	0
Portugal	0	0	Other countries	121.3	
Spain	233.1	181.5	Total Africa	126.8	
Poland	11.5	0	World total	8,112.3	
Other countries	999.5				
Total Europe	1,318.5				

¹ Year beginning Oct. 1.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 72.—Feed grains: United States exports under specified Government programs, 1977-90

Year ¹	Public Law 480				Foreign donations Section 416(b) ⁶	Mutual security (AID) ⁷	Total specified Government programs
	Title I sales		Title II donations				
	Sales for foreign currency ²	Long-term dollar and convertible foreign currency credit sales ³	Government-to-government and World Food Program ⁴	Voluntary relief agencies ⁵			
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
1977.....		424	160			1,440	2,024
1978.....		565	113	7		1,445	2,130
1979.....		637	229	39		224	1,129
1980.....		553	226	21		444	1,244
1981.....		296	79	34		323	732
1982.....		320	118	18		392	848
1983.....		364	452	9		793	1,618
1984.....		211	1,121	30		405	1,767
1985.....		124	91	41		445	701
1986.....		333	39	14	38	420	844
1987.....	8	253	145	20	888	25	1,339
1988.....		133	131	21	743	231	1,259
1989.....	13	364	234	51	1,760	555	2,977
1990*							

¹ Year beginning Oct. 1. ² Authorized by Title I, P.L. 480. ³ Shipments under agreements authorized by Title I, P.L. 480, as amended by P.L. 89-808. ⁴ Authorized by Title II, P.L. 480. ⁵ Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. ⁶ Section 416(b) of the Agricultural Act of 1949, as amended.

⁷ Foreign Assistance Act of 1961, as amended.

*Not available.

Economic Research Service.

Table 73.—Commercial feeds: Disappearance for feed, United States, 1977-91

Year beginning October	Oilseed cake and meal						Animal protein			
	Soy- bean	Cotton- seed	Linseed	Pea- nut ¹	Sun- flower	Total	Tank- age and meat meal	Fish meal	Dried milk ²	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1977	16,276	1,962	110	105	140	18,593	2,329	418	290	3,037
1978	17,720	1,762	111	113	198	19,904	2,323	509	320	3,152
1979	19,214	1,879	75	115	396	21,679	2,528	409	305	3,242
1980	17,591	1,636	103	94	489	19,913	2,458	379	305	3,142
1981	17,714	2,037	70	118	220	20,159	2,492	529	334	3,355
1982	19,306	1,648	93	74	477	21,598	2,351	454	398	3,203
1983	17,615	1,126	125	75	265	19,206	2,317	499	406	3,222
1984	19,480	1,758	120	123	338	21,819	2,781	649	426	3,856
1985	19,090	1,520	110	175	345	21,240	2,800	511	412	3,724
1986	20,387	1,131	127	114	297	22,056	2,641	519	440	3,599
1987	21,298	1,590	140	120	420	23,563	2,709	389	453	3,551
1988	19,657	1,633	102	162	323	21,877	2,567	292	446	3,305
1989	22,263	1,366	139	124	299	24,191	2,557	357	461	3,375
1990	22,912	1,624	125	109	340	25,110	2,527	268	449	3,244
1991 ³	23,050	1,764	146	154	465	25,594	2,580	292	442	3,314

Year beginning October	Mill products ⁴								Total com- mercial feeds
	Wheat mill- feeds	Gluten feed and meal ⁵	Rice mill- feeds	Brew- er's dried grains	Distill- ers' dried grains	Dried and molasses beet pulp ⁶	Alfalfa meal	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1977	4,883	1,223	506	282	403	4,073	1,115	12,485	34,115
1978	5,061	1,194	550	309	496	3,681	1,097	12,388	35,445
1979	4,804	787	536	339	495	2,698	1,001	10,659	35,580
1980	5,118	839	580	319	499	2,371	636	10,363	33,418
1981	5,344	1,038	565	263	494	2,314	991	11,010	34,524
1982	5,665	718	478	214	751	2,560	978	11,363	36,164
1983	5,598	1,807	508	149	622	2,282	990	11,956	34,383
1984	5,604	4,133	503	156	890	2,653	891	14,830	40,506
1985	5,818	1,163	554	148	962	2,080	856	11,582	36,545
1986	6,299	1,284	672	161	887	1,951	649	11,903	37,559
1987	6,230	1,636	608	132	1,141	1,761	610	12,118	39,232
1988	6,302	1,421	678	118	1,044	1,756	403	11,720	36,902
1989	6,192	240	611	119	1,564	2,191	331	11,247	38,813
1990	6,600	181	612	n.a.	n.a.	2,381	367	10,141	38,494
1991 ³	6,700	165	606	n.a.	n.a.	3,250	300	11,046	39,953

¹ Year beginning August 1. ² Includes dried skim milk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years. ³ Preliminary. ⁴ Other mill products that are not listed include screenings, hominy, and oats feed etc., for which no statistics are available. ⁵ Adjusted for export data. ⁶ Does not include wet sugarbeet pulp. n.a. not available.

Economic Research Service.

Table 74.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1977-91

Year beginning October	Quantity for feeding ¹						High- protein animal units	Quantity per animal unit	High- protein feed prices
	Oilseed meal			Animal protein	Grain protein ³	Total			
	Soybean meal	Other oilseed meals ²	Total						
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Million units	Pounds	Index numbers 1967=100
1977.....	17,253	2,147	19,400	3,418	995	23,813	100.9	472	213
1978.....	18,960	2,022	20,982	3,533	1,032	25,548	105.9	483	248
1979.....	21,135	2,279	23,414	3,651	795	27,860	108.6	513	240
1980.....	19,350	2,136	21,486	3,529	824	25,839	107.8	480	279
1981.....	19,485	2,270	21,755	3,766	929	26,450	104.6	506	235
1982.....	21,237	2,108	23,345	3,523	863	27,731	105.4	526	244
1983.....	19,377	1,460	20,836	3,540	1,431	25,807	105.7	488	245
1984.....	21,428	2,159	23,587	4,293	2,957	30,837	105.9	582	165
1985.....	20,999	1,989	22,988	4,139	1,225	28,352	107.1	530	199
1986.....	22,426	1,534	23,960	3,965	1,260	29,186	110.0	531	210
1987.....	23,422	2,088	25,510	3,888	1,597	30,995	112.9	549	275
1988.....	21,623	2,055	23,677	3,595	1,415	28,688	115.0	499	280
1989.....	24,489	1,775	26,265	3,669	984	30,918	117.7	526	228
1990.....	25,203	2,025	27,228	3,518	108	30,854	122.0	506	205
1991.....	25,355	2,344	27,699	3,609	98	31,407	122.0	515	.....

¹ In terms of 44 percent protein soybean meal equivalent. ² Includes cottonseed, linseed, peanut meal, and sunflower meal. Includes 30,000 tons previously excluded for industrial uses and for fertilizer. ³ Beginning 1974, adjusted for exports of corn gluten feed and meal.

Economic Research Service.

Table 75.—Feed concentrates fed to livestock and poultry, 1977-91

Year beginning October	Feed grains				Wheat ²	Rye ²	By- prod- uct feeds ³	Total concentrates	Grain consum- ing animal units	Concen- trates fed per grain- consum- ing animal unit
	Corn ¹	Sor- ghum ¹	Oats ² and barley ²	Total						
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons
1977.....	104.4	12.5	12.9	129.8	4.7	.2	37.3	172.1	74.7	2.30
1978.....	119.7	15.1	13.7	148.4	3.4	.2	41.7	193.8	77.2	2.51
1979.....	127.8	13.9	12.2	153.9	2.9	.2	42.2	199.2	78.1	2.55
1980.....	118.5	9.0	11.2	138.7	4.7	.2	39.9	183.5	76.4	2.40
1981.....	118.8	11.7	11.9	142.4	3.6	.2	40.4	186.7	73.0	2.56
1982.....	128.1	13.9	13.7	155.6	7.8	.3	38.5	202.2	75.2	2.69
1983.....	108.5	10.8	14.0	133.3	13.6	.4	37.4	184.7	74.6	2.48
1984.....	115.2	15.1	13.5	143.8	10.9	.4	47.2	202.3	75.2	2.69
1985.....	115.2	18.6	14.9	148.7	12.0	.3	43.3	204.3	74.5	2.74
1986.....	130.7	15.0	12.7	158.4	12.4	.4	44.7	215.9	74.4	2.90
1987.....	134.3	15.5	11.5	161.4	6.0	.3	46.3	213.9	76.7	2.79
1988.....	110.3	13.1	8.2	131.6	3.8	.3	42.8	178.5	77.0	2.32
1989.....	122.9	14.5	9.5	146.9	8.6	.2	45.5	201.2	77.7	2.59
1990.....	130.7	11.3	9.3	151.3	13.9	.2	45.5	210.8	80.3	2.63
1991.....	137.2	9.7	8.4	155.3	4.6	.2	46.8	206.8	81.2	2.55

¹ Marketing year beginning Sept. 1. ² Marketing year beginning June 1. ³ Oilseed meals, animal protein feeds, mill byproducts, and mineral supplements.

Economic Research Service.

Table 76.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1977-90

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 ¹	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced ²	Per head	Per 100 pounds produced ³
	Per head	Per 100 pounds milk produced							
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1977	12,120	108	6,396	8,508	5,269	5,698	1,482	1,260	1,918
1978	12,484	110	6,457	9,041	5,288	5,806	1,460	1,267	1,981
1979	12,597	107	6,476	9,206	5,294	5,790	1,507	1,269	1,989
1980	12,276	101	6,422	8,737	5,277	5,682	1,468	1,263	1,918
1981	12,626	103	6,481	9,248	5,295	5,715	1,459	1,270	1,868
1982	13,017	104	6,547	9,820	5,316	5,862	1,504	1,277	1,739
1983	12,536	101	6,466	9,116	5,290	5,744	1,464	1,268	1,681
1984	12,953	100	6,536	9,727	5,312	5,897	1,462	1,276	1,718
1985	13,024	100	6,548	9,831	5,316	5,907	1,395	1,277	1,636
1986	13,370	99	6,606	10,336	5,334	5,980	1,357	1,283	1,674
1987	13,146	94	6,568	10,008	5,322	5,975	1,324	1,279	1,713
1988	12,166	86	6,404	8,575	5,271	5,723	1,247	1,261	1,719
1989	12,756	88	6,503	9,439	5,302	5,876	1,292	1,272	1,864
1990 *	12,814	88	6,513	9,523	5,305	5,935	1,310	1,273	1,880

Year beginning October	Poultry								Hogs per 100 pounds produced	Horses and mules 2 years and over per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds produced	Per head	Per 100 pounds produced		
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1977	111	48	26	579	9.7	266	83	446	590	3,679
1978	118	51	28	617	10.4	287	88	504	677	3,750
1979	121	59	29	630	10.6	271	90	494	650	3,772
1980	114	47	27	585	10.0	264	85	468	562	3,709
1981	121	50	29	625	10.7	268	90	461	579	3,777
1982	129	52	31	664	11.4	284	96	512	687	3,854
1983	119	48	28	619	10.5	262	89	456	588	3,760
1984	128	52	30	652	11.3	280	95	510	639	3,841
1985	129	53	31	662	11.4	280	96	523	630	3,855
1986	137	56	33	688	12.1	302	105	586	690	3,922
1987	132	53	31	659	11.7	280	98	483	683	3,879
1988	112	43	26	524	9.8	237	83	423	567	3,688
1989	124	50	29	605	10.9	263	92	467	597	3,803
1990 *	125	50	30	608	11.0	261	93	438	629	3,814

¹ Feed consumed by all cattle divided by the number on feed Jan. 1. ² Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle. ³ Including wool produced. ⁴ Preliminary.

Economic Research Service.

Table 77.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1977-91

Year beginning October	Concen- trates	Harvested roughage	Pasture	Total	Year beginning October	Concen- trates	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>		<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>
1977	181	77	221	479	1985	213	88	191	486
1978	201	82	204	486	1986	225	81	186	491
1979	207	84	206	497	1987	224	81	179	483
1980	191	80	218	489	1988	188	72	184	445
1981	195	84	219	497	1989 ²	212	74	183	468
1982	215	85	213	513	1990 ¹	221	79	178	478
1983	196	81	213	490	1991 ²	217	79	182	479
1984	212	81	202	495					

¹ Preliminary. ² Estimated.

Economic Research Service.

Table 78.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1977-91 ¹

Year beginning October	Grain- consuming ²	Roughage- consuming ³	Grain and roughage- consuming ⁴	Year beginning October	Grain- consuming ²	Roughage- consuming ³	Grain and roughage- consuming ⁴
	<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>
1977	74,723	87,663	82,344	1985	74,463	80,512	77,805
1978	77,214	83,978	81,034	1986	74,403	78,311	76,436
1979	78,064	85,223	82,127	1987	76,750	76,318	76,096
1980	76,365	87,777	83,084	1988	76,975	75,471	75,652
1981	73,027	88,936	82,450	1989	77,657	75,476	75,902
1982	75,200	87,730	82,546	1990	80,297	75,457	76,898
1983	74,587	86,687	81,666	1991 ⁵	81,233	76,817	78,061
1984	75,173	83,185	79,728				

¹ Index series based on average feeding rates for years 1969-71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by NASS, USDA.² Livestock and poultry numbers weighted by all concentrates consumed. ³ Livestock and poultry numbers weighted by all roughage (including pasture) consumed. ⁴ Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock. ⁵ Preliminary.

Economic Research Service.

Table 79.—Feed grains: Average price, selected markets and grades, 1977-90 ¹

Crop year ²	Kansas City			Minneapolis			
	Corn, No. 2 Yellow	Corn, No. 2 White	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 3 or Better malting	Duluth Barley, No. 2 Feed	Oats, No. 2 White
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1977	2.28	3.30	3.54	2.13	2.27	1.68	1.27
1978	2.56	2.93	4.00	2.32	2.38	1.80	1.43
1979	2.72	4.70	4.65	2.53	2.87	2.16	1.57
1980	3.29	4.96	5.36	3.13	3.64	2.60	2.04
1981	2.60	2.60	4.28	2.44	3.06	2.21	2.14
1982	2.99	3.35	4.92	2.33	2.53	1.63	1.69
1983	3.36	4.70	5.13	3.25	2.84	2.48	1.87
1984	2.74	3.27	4.38	2.62	2.55	2.09	1.81
1985	2.37	2.49	3.72	2.23	2.24	1.53	1.31
1986	1.64	2.17	2.73	1.51	1.89	1.44	1.46
1987	2.12	2.55	3.40	1.99	2.04	1.78	1.92
1988	2.61	3.76	4.16	2.56	4.11	2.31	2.80
1989	2.53	3.10	4.21	2.43	3.28	2.20	1.65
1990	2.45	2.98	4.08	2.31	2.42	2.13	1.30

Crop year ²	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	Sorghum, No. 2 Yellow	
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per bushel</i>
1977	2.08	2.26	3.88	2.99	2.35	4.82	2.23
1978	2.28	2.54	4.40	3.39	2.53	5.44	2.51
1979	2.49	2.81	4.97	3.74	2.96	6.32	2.73
1980	3.13	3.38	5.86	4.48	3.57	7.31	3.35
1981	2.46	2.58	4.85	3.72	3.27	6.18	2.61
1982	2.82	2.93	5.30	3.93	2.97	6.56	2.98
1983	3.20	3.41	5.48	4.22	3.45	6.69	3.45
1984	2.60	2.74	4.95	3.78	3.16	6.08	2.75
1985	2.25	2.35	4.33	3.43	2.77	5.57	2.37
1986	1.53	1.64	3.24	2.69	2.38	4.50	1.68
1987	1.98	2.14	3.81	3.22	2.50	5.18	2.19
1988	2.49	2.67	4.66	3.73	3.10	6.08	2.73
1989	2.41	2.54	4.38	3.38	2.90	5.53	2.58
1990	2.28	2.40	4.48	3.04	2.84	5.05	2.49

¹ Simple average of daily prices. ² For corn and sorghum crop year began in October for 1974-84, September for 1985-87. For barley and oats, crop year begins in June.
Agricultural Marketing Service.

Table 80.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1977-90

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Peanut meal	Meat meal	Tankage digester	Fish- meal	Wheat bran
	44% pro- tein	49-50% protein	41% pro- tein	41% pro- tein	34% protein	45% protein	50% protein	60% protein	60% pro- tein	Kan- sas City
	Deca- tur	Deca- tur	Kan- sas City	Mem- phis	Minne- apolis	S.E. mills	Kansas City	Chicago	West Coast	
	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>
1977.....	164.20	179.40	156.20	139.70	137.75	164.40	204.00	208.50	311.40	70.00
1978.....	190.10	206.20	180.60	164.80	152.20	198.50	243.50	247.90	327.90	87.70
1979.....	181.90	197.00	188.80	164.10	154.40	186.10	233.30		321.00	95.60
1980.....	218.20	235.10	216.20	197.10	160.50	236.00	252.50		359.80	103.40
1981.....	182.50	196.60	168.00	156.20	151.70	182.10	209.20		316.90	82.40
1982.....	187.20	200.90	196.90	176.60	145.10	198.30	219.40		326.60	87.60
1983.....	188.20	203.20	207.00	190.20	140.20	209.00	208.40		323.90	94.80
1984.....	125.40	136.40	120.30	99.40	87.90		150.20		234.60	66.10
1985.....	154.90	166.20	151.00	133.30	114.00		168.75		230.00	59.00
1986.....	162.60	177.30	165.80	148.50	113.20		197.80		265.40	45.90
1987.....	221.90	239.30	197.20	178.50	160.30		255.90		236.20	76.80
1988.....	233.40	252.30	203.50	188.30	162.00		255.30		355.40	84.10
1989.....	173.70	187.40	180.20	168.20	130.40		204.70		302.80	80.60
1990.....	174.10	182.80	146.20	130.60	129.50		207.50		296.70	65.80

Year beginning October	Wheat mid- dlings	Wheat shorts or mid- dlings	Wheat mill- run	Gluten feed	Hominy feed	Distillers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses	Index numbers Jan.- Dec. 1967 = 100 ²
	Minne- apolis	Kansas City	Port- land	21% pro- tein	Illino- is Points	Lawrence- burg ¹	Mil- waukee	Dehy- drated, 17% protein	Sun- cured	New Orle- ans	
				Illino- is Points				Kansas City	Kan- sas City		
	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	<i>Dol- lars per ton</i>	
1977.....	64.80	70.00	84.80	91.30	70.20	121.20	89.90	76.00	67.50	42.70	202.8
1978.....	80.20	87.70	97.80	120.80	80.40	127.80	106.20	100.75	86.70	79.10	242.0
1979.....	83.00	95.60	116.00	125.25	87.60	137.80	110.40	109.60	92.40	90.70	240.6
1980.....	92.80	103.40	129.60	120.20	105.40	161.90	116.00	122.40	108.70	98.90	278.6
1981.....	71.10	82.40	111.80	113.00	78.70	145.60	96.80	105.60	93.60	50.50	229.8
1982.....	70.70	87.60	110.40	117.80	96.50	145.30	105.60	120.60	104.40	48.80	237.9
1983.....	80.20	94.80	116.80	109.10	108.20	169.90	112.60	129.50	114.90	67.10	246.6
1984.....	47.60	66.10	87.70	73.10	79.10	94.20	63.70	99.20	88.30	48.20	
1985.....	46.20	59.00	82.40	90.90	80.80	111.10	74.50	92.70	82.30	68.80	
1986.....	32.80	45.90	65.70	98.30	63.40	115.90	81.40	93.10	85.30	56.50	
1987.....	65.90	76.80	85.90	117.60	84.60	133.80	111.10	110.70	105.20	59.80	
1988.....	80.80	84.10	102.20	116.30	90.60	141.00	125.10	136.20	130.60	60.10	
1989.....	72.60	80.60	95.80	98.80	88.70	117.30	96.50	125.90	121.10	56.80	
1990.....	60.50	65.80	87.80	100.20	80.30	126.40	94.00	109.70	103.20	68.00	

¹ Cincinnati 1974-1980. ² Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean meal, cottonseed meal, meat meal, tankage, fishmeal, wheat meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service.

CHAPTER II

STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

In addition to tables on cotton, tobacco, sugar, and honey, this chapter includes tables on fibers other than cotton and syrups. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

Table 81.—Cotton: Area, yield, production, and value, United States, 1977-91

Year	Area		Yield per harvested acre	Production	Marketing year average price per pound received by farmers ¹	Value of production ¹
	Planted	Harvested				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bales²</i>	<i>Cents</i>	<i>1,000 dollars</i>
1977.....	13,679.5	13,275.3	520	14,389.2	52.3	3,614,938
1978.....	13,375.1	12,400.0	420	10,855.8	58.4	3,044,991
1979.....	13,977.5	12,830.9	547	14,629.3	62.7	4,404,663
1980.....	14,533.8	13,214.8	404	11,122.1	75.4	4,026,458
1981.....	14,330.1	13,841.2	542	15,645.7	55.6	4,174,776
1982.....	11,345.4	9,733.9	590	11,962.7	59.6	3,422,370
1983.....	7,926.3	7,347.5	508	7,771.4	66.6	2,482,802
1984.....	11,145.4	10,379.1	600	12,981.8	58.9	3,670,508
1985.....	10,684.6	10,229.0	630	13,432.2	56.3	3,628,112
1986.....	10,044.6	8,468.4	552	9,731.1	52.4	2,449,111
1987.....	10,397.2	10,030.3	706	14,759.9	64.3	4,555,017
1988.....	12,514.8	11,948.2	619	15,411.5	56.6	⁴ 4,190,488
1989.....	10,586.6	9,537.7	614	12,195.6	66.2	3,877,888
1990.....	12,348.1	11,731.6	634	15,505.4	63.2	5,075,826
1991 ³	14,143.8	12,842.4	656	17,541.5	63.2	5,322,413

¹ Net weight price. 1974-78 includes allowance for unredeemed loans, but does not include Government program payments. 1979-88 are strictly market prices. ² 480-pound net weight bales. ³ Preliminary. ⁴ Average to Apr. 1, 1989.

National Agricultural Statistics Service. Production figures conform with the Bureau of the Census annual ginning enumerations.

Table 82.—Cotton: Area, yield, and production, by States, 1989-91

State	Area planted			Area harvested			Yield per harvested acre			Production ¹		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 bales ³	1,000 bales ³	1,000 bales ³
Upland:												
AL.....	328.0	380.0	415.0	322.0	378.0	410.0	571	476	626	383.0	375.0	535.0
AZ.....	240.0	350.0	360.0	239.0	348.0	359.0	1,303	1,119	1,190	649.0	811.0	890.0
AR.....	610.0	770.0	1,000.0	595.0	750.0	980.0	687	692	759	851.0	1,081.0	1,550.0
CA.....	1,050.0	1,100.0	970.0	1,040.0	1,090.0	960.0	1,228	1,204	1,250	2,661.0	2,734.0	2,500.0
FL.....	25.5	37.0	50.0	25.0	36.0	49.0	557	640	696	29.0	48.0	71.0
GA.....	265.0	355.0	430.0	260.0	350.0	425.0	631	555	813	342.0	405.0	720.0
KS.....	1.5	1.5	2.0	.4	1.2	1.8	240	280	320	.2	0.7	1.2
LA.....	645.0	810.0	875.0	620.0	790.0	820.0	672	715	825	868.0	1,177.0	1,410.0
MS.....	1,050.0	1,230.0	1,245.0	1,020.0	1,220.0	1,230.0	732	728	878	1,555.0	1,850.0	2,250.0
MO.....	214.0	248.0	332.0	209.0	235.0	327.0	618	641	621	269.0	314.0	423.0
NM.....	61.0	69.0	69.0	55.0	62.0	65.0	698	735	554	80.0	95.0	75.0
NC.....	112.0	201.0	460.0	110.0	200.0	457.0	615	631	683	141.0	263.0	650.0
OK.....	370.0	380.0	440.0	340.0	370.0	380.0	224	496	316	173.0	382.0	250.0
SC.....	120.0	155.0	211.0	118.0	154.0	210.0	626	452	777	154.0	145.0	340.0
TN.....	465.0	525.0	620.0	460.0	515.0	610.0	497	461	551	476.0	495.0	700.0
TX.....	4,650.0	5,500.0	6,400.0	3,750.0	5,000.0	5,300.0	367	477	430	2,870.0	4,965.0	4,750.0
VA.....	2.7	5.3	18.0	2.6	5.3	18.0	498	562	728	2.7	6.2	27.3
US.....	10,209.7	12,116.8	13,897.0	9,166.0	11,504.5	12,601.8	602	632	653	11,503.9	15,146.9	17,142.5
American- Pima:												
AZ.....	245.0	125.0	106.0	244.5	124.0	103.0	936	751	885	477.0	194.0	190.0
CA.....	18.0	25.7	60.0	17.9	25.5	60.0	1,078	1,080	1,040	40.2	57.4	130.0
MS.....	1.6	1.3	.8	1.1	1.3	.8	436	591	600	1.0	1.6	1.0
NM.....	30.3	19.3	20.0	30.2	19.3	19.8	707	609	558	44.5	24.5	23.0
TX.....	82.0	60.0	60.0	78.0	57.0	57.0	794	682	463	129.0	81.0	55.0
US.....	376.9	231.3	246.8	371.7	227.1	240.6	893	758	796	691.7	358.5	399.0
US, all.....	10,586.6	12,348.1	14,143.8	9,537.7	11,731.6	12,842.4	614	634	656	12,195.6	15,505.4	17,541.5

¹ Production ginned and to be ginned. ² Preliminary. ³ 480-pound net weight bales.
National Agricultural Statistics Service.

Table 83.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1984-91

State	Crop of—							
	1984	1985	1986	1987	1988	1989	1990	1991
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
AL.....	26	19	9	22	9	30	37	21
AZ.....	9	5	25	25	6	20	14	22
AR.....	40	10	11	81	27	43	39	42
CA.....	49	23	81	77	62	83	83	65
GA.....	31	8	4	35	6	44	41	56
LA.....	23	3	.....	20	13	53	34	8
MS.....	31	17	6	44	10	26	31	16
MO.....	53	(¹)	25	93	7	62	64	66
NM.....	1	2	.....	58	9	10	26	20
NC.....	36	.....	.....	45	4	48	45	61
OK.....	24	(¹)	13	33	2	18	16	7
SC.....	53	20	.....	44	1	54	52	60
TN.....	35	4	2	67	(¹)	25	14	9
TX.....	19	5	5	23	9	31	27	15
US.....	27	9	15	39	16	39	35	25

¹ Less than 0.5 percent.
Agricultural Marketing Service.

Table 84.—Cotton: Production, Marketing Year average price per pound, and value, by States, 1989–91

State	Production ¹			Price for crop of—			Value of production		
	1989	1990	1991 ²	1989	1990	1991 ^{2,3}	1989	1990	1991 ³
Upland:	<i>1,000 bales ⁴</i>	<i>1,000 bales ⁴</i>	<i>1,000 bales ⁴</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	383.0	375.0	535.0	63.7	69.0	58.6	117,106	124,200	150,485
AZ.....	649.0	811.0	890.0	65.9	69.2	63.2	205,292	269,382	269,990
AR.....	851.0	1,081.0	1,550.0	63.2	65.7	60.8	258,159	340,904	452,352
CA.....	2,661.0	2,734.0	2,500.0	71.8	76.9	70.1	917,087	1,009,174	841,200
FL.....	29.0	48.0	71.0	65.0	68.0	56.0	9,048	15,667	19,085
GA.....	342.0	405.0	720.0	65.1	69.4	64.9	106,868	134,914	224,294
KS.....	2	7	12	57.0	58.0	56.0	55	195	323
LA.....	868.0	1,177.0	1,410.0	63.9	66.1	59.5	266,233	373,439	402,696
MS.....	1,555.0	1,850.0	2,250.0	62.9	65.4	58.5	469,486	580,752	631,800
MO.....	269.0	314.0	423.0	64.7	65.3	62.0	83,541	98,420	125,885
NM.....	80.0	95.0	75.0	70.0	70.9	58.8	26,880	32,330	21,168
NC.....	141.0	263.0	650.0	62.7	69.0	57.5	42,435	87,106	179,400
OK.....	173.0	382.0	250.0	57.0	63.1	63.0	47,333	115,700	75,600
SC.....	154.0	145.0	340.0	65.5	68.2	62.0	48,418	47,467	101,184
TN.....	476.0	495.0	700.0	63.0	65.8	58.6	143,942	156,341	196,896
TX.....	2,870.0	4,965.0	4,750.0	59.0	63.2	62.5	812,784	1,506,182	1,425,000
VA.....	2.7	6.2	27.3	62.7	69.0	57.5	813	2,053	7,535
US.....	11,503.9	15,146.9	17,142.5	63.6	67.1	62.9	3,555,480	4,894,226	5,124,893
American-Pima:									
AZ.....	477.0	194.0	190.0	96.6	104.0	104.0	213,886	96,845	94,848
CA.....	40.2	57.4	130.0	96.6	107.0	103.0	13,447	29,481	64,272
MS.....	1.0	1.6	1.0	67.0	90.0	80.0	322	691	384
NM.....	44.5	24.5	23.0	104.0	117.0	110.0	22,214	13,759	12,144
TX.....	129.0	81.0	55.0	101.0	105.0	98.0	62,539	40,824	25,872
US.....	691.7	358.5	399.0	97.1	106.0	103.0	322,408	181,600	197,520
US, all.....	12,195.6	15,505.4	17,541.5	66.2	68.2	63.2	3,877,888	5,075,826	5,322,413

¹ Production ginned and to be ginned. ² Preliminary. ³ Average to Apr. 1, 1989 with no allowance for unredeemed loans. ⁴ 480-pound net weight bales.

National Agricultural Statistics Service.

Table 85.—Cotton, American upland: Price-support operations, United States, 1977–92

Year beginning August	Support price ^{1,2}		Put under support ⁴		Acquired by CCC under support ⁵	Owned by CCC July 31
	Per pound	Percentage of parity ³	Quantity	Percentage of production		
	<i>Cents</i>	<i>Percent</i>	<i>1,000 bales ⁶</i>	<i>Percent</i>	<i>1,000 bales ⁶</i>	<i>1,000 bales ⁶</i>
1977.....	\$ 47.80	.....	4,518	31.6	2	(⁷)
1978.....	\$ 52.00	.....	1,524	14.2	(⁷)	(⁷)
1979.....	\$ 57.70	.....	1,720	11.8	(⁷)	(⁷)
1980.....	\$ 58.40	.....	2,276	20.7	22	(⁷)
1981.....	\$ 70.87	.....	6,028	38.7	931	1
1982.....	\$ 71.00	.....	5,003	42.2	786	397
1983.....	\$ 76.00	.....	1,743	22.7	0	158
1984.....	\$ 81.00	.....	2,957	23.0	649	123
1985.....	\$ 81.00	.....	7,289	54.9	161	767
1986.....	\$ 81.00	.....	6,170	64.8	12	73
1987.....	\$ 79.40	.....	5,361	37.0	131	3
1988.....	\$ 75.90	.....	11,231	74.5	66	50
1989.....	\$ 73.40	.....	3,732	32.4	1	27
1990.....	\$ 72.90	.....	3,205	21.1	0	0
1991.....	\$ 72.90	.....	* 6,311	* 36.7	* 0	* 0
1992.....	\$ 72.90	.....	.....	.....	.....	.....

¹ Average of the crop from 1966 through 1970; Middling 1-inch, micronaire 3.5–4.9, net weight for 1971 through 1973, established "target" price for 1974 and succeeding years. ² Includes price-support payments as follows: On production from area planted within the farm base area allotment, 15 cents in 1973. ³ Percentage of parity price as of the beginning of the marketing year. ⁴ Includes loans made. ⁵ Acquisitions from crop harvested in the year indicated and not acquisitions during that year. ⁶ Running bales. ⁷ Less than 500 bales. ⁸ Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments were made on the 1973–80 crops. ⁹ Estimated.

Agricultural Stabilization and Conservation Service.

Table 86.—Cotton: Area, yield, and production in specified countries, 1989-91 ¹

Continent and country	Area			Yield per hectare			Production		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 hectares	1,000 hectares	1,000 hectares	Kilo- grams	Kilo- grams	Kilo- grams	1,000 bales ³	1,000 bales ³	1,000 bales ³
North and Central America:									
United States.....	3,860	4,748	5,245	688	711	731	12,196	15,505	17,614
El Salvador.....	10	6	5	631	762	653	29	21	15
Guatemala.....	40	36	36	1,034	1,028	907	190	170	150
Honduras.....	3	3	3	508	508	508	7	7	7
Mexico.....	188	186	256	891	914	707	769	781	831
Nicaragua.....	35	44	36	684	658	605	110	133	100
Other incl. Caribbean.....	21	21	21	301	301	301	29	29	29
Total.....	4,157	5,044	5,602	698	719	729	13,330	16,646	18,746
South America:									
Argentina.....	570	630	600	486	468	399	1,272	1,355	1,110
Bolivia.....	4	15	22	272	363	396	5	25	40
Brazil.....	1,900	12,977	2,061	347	352	376	3,030	3,200	3,560
Colombia.....	188	226	253	557	566	602	481	587	700
Ecuador.....	22	28	30	544	451	472	55	58	65
Paraguay.....	509	550	480	442	482	318	1,033	1,217	700
Peru.....	135	114	100	656	581	653	407	304	300
Venezuela.....	68	38	32	461	430	476	144	75	70
Total.....	3,396	3,578	3,578	412	415	398	6,427	6,821	6,535
Europe:									
Greece.....	278	282	230	917	746	824	1,171	966	870
Italy.....	1	1	1	218	218	218	1	1	1
Spain.....	68	84	78	897	962	1,058	280	371	379
Bulgaria.....	11	13	15	1,128	1,256	1,132	57	75	78
Yugoslavia.....	1	1	1	218	218	218	1	1	1
Other Europe.....	16	16	16	272	272	272	20	20	20
Total.....	375	397	341	888	786	861	1,530	1,434	1,349
Former USSR.....	3,338	3,171	3,000	796	818	800	12,203	11,909	11,025
Africa:									
Angola.....	10	10	10	435	435	435	20	20	20
Cameroon.....	90	95	100	477	458	501	197	200	230
Central African Rep.....	63	70	65	173	171	167	50	55	50
Chad.....	185	195	210	313	306	342	266	274	330
Zaire.....	33	31	30	119	119	116	18	17	16
Kenya.....	51	70	74	107	81	76	25	26	26
Malawi.....	50	60	60	131	127	91	30	35	25
Morocco.....	14	16	12	638	517	581	41	38	32
Mozambique.....	65	78	86	154	154	152	46	55	60
Nigeria.....	380	380	430	108	95	119	188	165	235
Zimbabwe.....	229	273	236	294	269	111	309	337	120
South Africa, Rep.....	165	127	80	364	382	327	276	223	120
Sudan.....	279	196	185	456	422	494	584	380	420
Tanzania, United Rep.....	260	320	400	131	146	150	156	215	275
Uganda.....	42	51	78	145	158	140	28	37	50
Egypt.....	422	417	360	683	719	816	1,324	1,378	1,350
Other Africa.....	913	1,006	1,011	441	478	453	1,848	2,208	2,104
Total.....	3,251	3,395	3,427	362	363	347	5,406	5,663	5,463
Asia, Mid-East, and Oceania:									
Afghanistan.....	55	60	60	364	363	363	92	100	100
Australia.....	240	270	282	1,271	1,604	1,467	1,401	1,989	1,900
Burma.....	150	155	155	134	135	133	92	96	95
China (Mainland).....	5,203	5,588	6,539	728	807	869	17,400	20,700	26,100
India.....	7,331	7,355	7,265	315	270	274	10,599	9,135	9,135
Iran.....	228	229	204	500	526	560	524	553	525
Iraq.....	65	65	65	218	218	218	65	65	65
Israel.....	30	30	12	1,539	1,713	1,633	212	236	90
Korea, Republic of.....	1	1	1	218	218	218	1	1	1
Pakistan.....	2,599	2,662	2,881	560	615	756	6,687	7,522	10,000
Yemen ⁴	41	41	40	345	345	354	65	65	65
Syria.....	158	156	190	930	928	979	675	665	854
Thailand.....	61	72	80	468	451	490	131	149	180
Turkey.....	725	641	598	851	1,021	947	2,835	3,007	2,600
Other Asia.....	76	78	81	301	315	314	105	113	117
Total.....	16,963	17,403	18,453	525	555	612	40,884	44,396	51,827
World total.....	31,480	32,988	34,401	552	573	601	79,780	86,869	94,945

¹ Harvest season beginning Aug. 1. ² Preliminary. ³ 480-pound net weight. ⁴ Data for the territories formerly known as North Yemen and South Yemen have been combined under the heading Yemen.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 87.—Cotton: Supply and distribution, United States, 1977-91

Year beginning August	Supply					Distribution				
	Beginning of season		Ginnings in season ¹	Imports ²	Total supply	Consumption		Exports	Carryover, end of season	
	Foreign	Total				Foreign	Total ³		Foreign	Total
	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴
1977.....	13	2,920	14,076	5	17,002	12	6,236	5,219	6	5,326
1978.....	6	5,326	10,478	4	15,808	4	6,098	5,850	4	3,782
1979.....	4	3,782	14,389	5	18,177	3	6,261	8,779	2	3,027
1980.....	2	3,027	10,671	27	13,726	2	5,664	5,639	1	2,595
1981.....	1	2,595	15,146	26	17,767	(⁵)	5,043	6,263	2	6,399
1982.....	2	6,399	11,488	2	17,890	5	5,259	4,961	1	7,561
1983.....	1	7,561	7,665	9	15,235	(⁵)	5,628	6,419	1	2,906
1984.....	1	2,906	12,452	21	15,379	(⁵)	5,268	5,943	(⁶)	4,088
1985.....	(⁶)	4,088	13,063	28	17,179	(⁵)	6,198	1,875	(⁶)	9,041
1986.....		9,041	9,294	3	18,337		7,096	6,366		4,797
1987.....		4,797	14,493	3	19,294		7,294	6,297		5,684
1988.....		5,684	14,939	5	20,598		7,444	5,987		6,984
1989.....		6,984	11,913	1	18,898		8,383	7,310		3,109
1990.....		3,109	14,945	1	18,192		8,367	7,488		2,389
1991 ⁷		2,389								

¹ Ginnings during the 12 months, Aug. 1-July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather. ² Total imports minus re-exports. ³ Adjusted to marketing year. ⁴ Equivalent running bales. ⁵ Data withheld to avoid disclosing figures for individual companies. ⁶ Less than 500 bales. ⁷ Preliminary.

Agricultural Marketing Service. Compiled from reports of the Bureau of the Census.

Table 88.—Cotton: Mill consumption, by growths, United States, 1977-90

Year beginning August	Domestic			Foreign				All growths
	Upland	American Pima ¹	Total	Egyptian	Indian	Other	Total	
	Bales ²	Bales ²	Bales ²	Bales ²	Bales ²	Bales ²	Bales ²	
1977.....	6,170,934	53,246	6,224,180	(³)	(³)	(³)	11,698	6,235,878
1978.....	6,031,854	62,146	6,094,000	(³)	(³)	(³)	4,143	6,098,143
1979.....	6,196,192	61,843	6,258,035	(³)	(³)	(³)	2,717	6,260,752
1980.....	5,601,874	59,375	5,661,249	(³)	(³)	(³)	2,375	5,663,624
1981.....	4,998,461	44,670	5,043,131	(³)	(³)	(³)	(³)	5,043,131
1982.....	5,205,024	48,525	5,253,549	(³)	(³)	(³)	5,046	5,258,595
1983.....	5,564,206	64,130	5,628,336	(³)	(³)	(³)	(³)	5,628,336
1984.....	5,221,480	46,272	5,267,752	(³)	(³)	(³)	(³)	5,267,752
1985.....	6,138,579	59,094	6,197,673	(³)	(³)	(³)	(³)	6,197,673
1986.....	7,031,918	64,070	7,095,988	(³)	(³)	(³)	(³)	7,095,988
1987.....	7,243,982	49,617	7,293,599	(³)	(³)	(³)	(³)	7,293,599
1988.....	7,376,019	67,764	7,443,783	(³)	(³)	(³)	(³)	7,443,783
1989.....	8,313,233	69,415	8,382,648	(³)	(³)	(³)	(³)	8,382,648
1990.....	(³)	(³)	8,367,094	(³)	(³)	(³)	(³)	8,367,094

¹ Includes Sea Island, foreign and other domestic cotton. ² Equivalent running bales. ³ Not reported separately.

Agricultural Marketing Service. Compiled from reports of the Bureau of the Census.

Table 89.—Cotton, American upland: Carryover and crop, running bales, by grade groupings, United States, 1982-91

Year beginning August	White ¹						Light Spotted				Other Colored ²	All grades ³
	11	21	31	41	51	61 and 71	22 and higher	32	42	52 and lower		
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
Carryover:												
1982.....	(*)	56	499	1,279	890	153	4	347	1,394	1,035	652	6,309
1983.....	(*)	30	340	1,795	1,254	157	14	640	1,765	780	685	7,461
1984.....	(*)	26	458	899	460	32	7	180	388	182	177	2,811
1985.....	(*)	102	503	734	693	71	2	103	571	1,018	214	4,011
1986.....	(*)	63	1,530	2,233	749	50	8	362	1,823	1,501	665	8,984
1987.....	1	36	589	939	373	35	5	214	960	749	807	4,709
1988.....	3	163	920	1,846	698	68	26	441	693	293	451	5,603
1989.....	5	496	1,918	2,168	483	82	40	394	702	341	291	6,920
1990.....	2	117	734	1,113	299	41	13	128	263	105	103	2,918
1991.....	1	207	813	1,021	303	26	3	131	344	135	99	3,082
Crop:												
1982.....	(*)	77	1,508	3,434	1,935	230	17	700	1,939	914	676	11,430
1983.....	(*)	22	1,120	2,404	792	91	3	328	1,086	772	794	7,413
1984.....	1	261	2,704	2,559	1,360	184	9	406	1,717	2,892	324	12,419
1985.....	(*)	113	2,383	3,528	933	67	6	574	2,804	2,135	294	12,837
1986.....	1	162	2,049	1,742	373	32	4	501	1,947	1,404	1,022	9,237
1987.....	6	593	3,256	4,488	1,419	124	55	1,177	1,657	672	642	14,083
1988.....	10	1,095	5,146	4,786	815	67	59	711	1,164	411	199	14,462
1989.....	4	416	3,529	3,701	682	57	69	638	805	227	830	10,958
1990.....	6	523	4,309	4,851	1,245	125	13	670	1,624	675	437	14,478
1991.....	25	1,691	5,394	4,084	1,471	371	24	390	712	1,046	1,239	16,445

¹ "Plus" grades included. ² Includes all grades of Spotted, Tinged, Stained, Light Gray, Gray, and Below Grade. ³ As reported by the Bureau of the Census. ⁴ Less than 500 bales.

Agricultural Marketing Service.

Table 90.—Cotton, American upland: Carryover and crop, running bales, by staple groupings, United States, 1982-91

Year beginning August	Staple										All staples ¹
	26 and shorter	28	29	30	31	32	33	34	35	36 and longer	
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
Carryover:											
1982.....	2	29	133	500	855	778	532	1,381	1,569	530	6,309
1983.....	1	21	85	485	890	598	477	1,115	2,224	1,564	7,461
1984.....	(2)	1	7	56	135	233	255	664	910	550	2,811
1985.....	2	32	74	218	309	270	231	639	1,079	1,157	4,011
1986.....	8	57	185	488	778	754	613	1,064	2,423	2,613	8,984
1987.....	(2)	10	15	86	108	250	467	1,070	1,727	976	4,709
1988.....	(2)	1	10	54	154	376	754	1,217	1,798	1,238	5,603
1989.....	2	9	37	208	550	758	693	1,047	1,863	1,754	6,920
1990.....	(2)	10	15	61	153	209	184	423	910	954	2,918
1991.....	(2)	5	4	65	84	204	261	573	1,055	831	3,082
Crop:											
1982.....	2	16	78	412	935	676	454	985	3,509	4,362	11,430
1983.....	3	22	65	251	482	471	513	1,012	2,531	2,063	7,413
1984.....	7	45	122	414	761	719	715	1,149	2,858	5,630	12,419
1985.....	(2)	5	38	234	825	889	883	1,679	4,182	4,101	12,837
1986.....	(2)	2	13	58	226	491	1,058	1,859	3,184	2,346	9,237
1987.....	1	4	18	71	277	698	1,505	2,643	5,119	3,748	14,083
1988.....	2	16	78	303	929	1,394	1,438	1,567	3,579	5,148	14,462
1989.....	1	14	70	236	507	653	716	1,203	3,402	4,155	10,958
1990.....	(2)	6	48	232	746	1,370	1,620	1,978	4,064	4,414	14,478
1991.....	(2)	7	53	209	539	863	1,287	1,770	3,267	8,449	16,445

¹ As reported by the Bureau of the Census. ² Less than 500 bales.

Agricultural Marketing Service.

Table 91.—Cotton, American Pima: Carryover, 1990-91, and crop, 1989-91, running bales, by grade and staple, United States

Year beginning August	Grade					Staple				All grades and all staples ¹
	01 and 02	03	04	05	06 and 07	42 and shorter	44	46	48 and longer	
Carryover:	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1990	13.0	94.9	65.2	10.4	1.0	3.0	60.1	115.5	5.9	184.5
1991	5.9	53.9	48.6	7.8	1.0	3.4	86.7	26.5	0.5	117.2
Crop:										
1989	57.0	373.3	188.3	28.1	16.7	8.6	268.7	377.7	8.3	663.3
1990	38.0	178.0	99.8	19.6	7.2	3.1	154.4	179.5	5.6	342.6
1991	99.3	175.9	50.9	17.8	6.2	14.1	91.0	239.7	5.3	350.1

¹ Bureau of the Census.

Agricultural Marketing Service.

Table 92.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1986-91

State	Average staple length (32ds of an inch) ¹					
	1986	1987	1988	1989	1990	1991
AL	35.1	34.3	34.9	35.1	34.3	35.3
AZ	35.2	35.5	35.6	35.3	35.4	36.4
AR	35.1	35.1	35.5	35.6	35.3	36.2
CA	35.6	35.7	36.4	35.9	35.8	36.2
GA	35.3	35.1	35.2	35.2	34.7	35.2
LA	34.6	35.0	35.2	35.0	35.1	35.9
MS	34.2	34.7	35.1	35.4	35.2	36.1
MO	35.7	35.1	35.5	35.3	35.3	36.1
NM	36.2	36.0	35.9	36.5	36.3	35.6
NC	35.4	35.1	35.2	35.4	35.3	35.7
OK	33.3	34.3	32.9	32.2	33.0	32.7
SC	35.0	35.1	35.3	35.9	35.1	35.6
TN	34.7	34.7	35.1	34.8	34.3	35.7
TX	33.3	33.6	32.5	32.6	32.8	33.2
Other States	(²)	(²)	(²)	(²)	(²)	(²)
U.S.	34.6	34.6	34.5	34.7	34.4	35.2

¹ Average calculated on numerical equivalents of the staple-length designations. For example, $\frac{3}{8}$ -inch = 28, $\frac{7}{8}$ -inch = 29, etc. ² Not available.

Agricultural Marketing Service.

Table 93.—Cotton: International trade, 1985/86-1990/91

Country	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91
Principal countries:	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²
Mexico	380	220	375	561	212	170
Nicaragua	223	211	175	110	110	130
United States	1,960	6,684	6,582	6,148	7,694	7,793
Brazil	358	303	597	464	661	717
Peru	115	83	14	146	128	110
Greece	73	365	138	505	400	390
Soviet Union	3,170	3,462	3,457	3,656	3,330	2,000
China (Mainland)	2,799	3,169	2,322	1,636	865	928
Pakistan	3,146	2,370	2,358	3,780	1,371	1,397
Syria	460	276	151	265	317	370
Turkey	322	510	197	666	205	753
Egypt	837	586	436	294	211	90
Sudan	499	820	725	775	750	400
Ivory Coast	385	294	322	462	509	394
Australia	1,138	1,180	818	1,319	1,319	1,400
Total	15,865	21,033	18,667	20,787	18,082	17,042

See footnotes at end of table.

Table 93.—Cotton: International trade, 1985/86-1990/91 ¹—Continued

Country	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91
	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²
Principal countries:						
Canada.....	287	151	210	187	204	185
Austria.....	96	115	119	101	120	120
Belgium-Luxembourg.....	184	254	210	222	187	177
France.....	692	811	735	683	614	525
Germany.....	1,518	1,907	1,524	1,588	1,557	992
Italy.....	1,194	1,539	1,423	1,458	1,473	1,541
Netherlands.....	56	48	39	34	50	50
Poland.....	710	646	768	818	650	320
Portugal.....	781	875	852	827	826	775
Spain.....	369	582	519	395	533	401
Sweden.....	25	25	24	17	25	25
Switzerland.....	292	356	387	300	293	300
United Kingdom.....	233	258	245	197	159	140
Hong Kong.....	1,096	1,508	1,206	1,376	1,199	1,200
Korea, Republic of.....	1,682	1,901	1,957	2,145	2,040	2,052
Japan.....	3,054	3,688	3,431	3,491	3,165	2,949
Taiwan.....	1,534	2,357	1,608	1,781	1,301	1,479
Total.....	13,803	16,971	15,257	15,620	14,396	13,231

¹ Marketing year beginning Aug. 1. ² 480-pound net weight.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 94.—Cotton: United States exports, by country of destination, 1988/89-1990/91

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1988-89	1989-90	1990-91		1988-89	1989-90	1990-91
	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹		1,000 bales ¹	1,000 bales ¹	1,000 bales ¹
Austria.....	2	2	14	Australia.....	0	0	0
Belgium/Luxembourg.....	49	60	52	Canada.....	148	197	191
Denmark.....	3	6	10	Chile.....	2	1	0
Finland.....	8	8	8	Colombia.....	0	0	0
France.....	9	20	12	Egypt.....	102	242	243
Germany.....	255	368	214	Hong Kong.....	108	244	306
Italy.....	239	431	425	India.....	2	0	0
Netherlands.....	6	14	16	Indonesia.....	307	499	561
Norway.....	6	5	7	Israel.....	6	20	13
Poland.....	16	59	24	Japan.....	1,381	1,594	1,437
Portugal.....	28	49	56	Korea, Rep. of.....	1,302	1,365	1,168
Spain.....	51	151	105	Pakistan.....	2	5	1
Sweden.....	16	22	22	Philippines.....	50	134	132
Switzerland.....	41	41	63	South Africa Rept. of.....	0	1	0
United Kingdom.....	37	74	36	Taiwan.....	254	320	358
Yugoslavia.....	23	23	21	Thailand.....	172	375	317
Other Europe.....	99	130	147	Uruguay.....	0	0	0
Total Europe.....	888	1,463	1,232	Other countries.....	2,311	2,697	3,066
				Total.....	6,147	7,694	7,793

¹ 480 pounds net. ² Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce and U.S. Export Sales.

Table 95.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1988/89–1990/91

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1988/89	1989/90	1990/91		1988/89	1989/90	1990/91
	<i>Bales</i> ¹	<i>Bales</i> ¹	<i>Bales</i> ¹		<i>Bales</i> ¹	<i>Bales</i> ¹	<i>Bales</i> ¹
Cotton, raw:				Cotton linters:			
Egypt.....	0	58	56	Colombia.....	4,593	3,686	128
Mexico.....	0	0	2,063	Guatemala.....	0	0	0
Pakistan.....	825	706	231	Mexico.....	14,649	62,137	55,975
Other countries.....	4,458	991	1,163	Brazil.....	23,427	2,539	1,949
Total.....	5,283	1,755	3,513	Turkey.....	14,732	43,434	13,296
				Other countries.....	15,153	22,819	3,452
				Total.....	72,554	134,615	74,800

¹ 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 96.—Cotton, American upland: Percentage distribution of mike readings, by specified groups, United States, 1977–91

Year beginning August	Mike groups						
	26 and below	27 to 29	30 to 32	33 to 34	35 to 49	50 to 52	53 and above
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1977.....	.1	.6	1.9	2.2	80.2	11.4	3.6
1978.....	.2	1.4	4.6	4.7	76.7	9.5	2.9
1979.....	1.8	9.1	11.3	5.6	66.6	4.5	1.1
1980.....	.3	1.7	4.0	3.7	80.3	8.3	1.7
1981.....	1.0	3.6	7.8	5.8	73.5	6.6	1.7
1982.....	.5	1.2	2.7	3.0	87.9	4.0	.7
1983.....	.5	1.7	3.6	3.7	83.7	5.7	1.1
1984.....	2.4	6.2	8.7	5.9	73.2	3.0	.6
1985.....	.4	1.4	3.8	4.6	84.7	4.3	.8
1986.....	2.2	4.2	5.4	4.1	75.3	6.3	2.5
1987.....	1.4	3.4	6.2	5.5	80.0	3.0	.6
1988.....	.4	1.3	3.6	4.6	87.3	2.4	.5
1989.....	2.3	4.2	5.6	4.6	78.8	3.6	.9
1990.....	.3	1.2	3.7	4.9	86.3	2.9	.9
1991.....	.5	2.0	4.6	5.0	81.6	5.0	1.6

Agricultural Marketing Service.

Table 97.—Cotton, American upland: Average spot prices for specified grades of 1½-inch staple in the designated markets for mixed lots, net weight, uncompressed in warehouse, cents per pound, 1978-91

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1978.....	63.23	61.58	57.98	53.39	61.57	58.15	53.91	55.19	52.63
1979.....	72.69	71.48	68.44	61.90	71.42	68.44	62.54	64.14	60.90
1980.....	84.12	82.99	79.20	71.17	82.89	79.27	72.17	74.11	69.94
1981.....	61.86	60.48	54.92	46.43	60.33	55.71	47.63	50.01	45.57
1982.....	64.91	63.08	57.49	49.47	62.87	58.50	50.86	53.19	49.08
1983.....	74.80	73.11	68.58	61.93	72.90	69.63	63.62	65.37	61.64
1984.....	61.72	60.51	54.94	48.29	60.25	55.75	50.14	51.36	47.87
1985.....	61.12	60.01	55.88	48.31	59.89	56.71	50.27	51.67	47.32
1986.....	54.89	53.16	49.64	43.48	53.11	50.71	45.44	46.32	42.70
1987.....	65.04	63.13	60.41	54.35	63.17	61.16	56.38	57.21	53.94
1988.....	59.42	57.67	54.35	46.21	57.69	55.00	48.25	(¹)	45.74
1989.....	71.21	69.78	66.58	58.49	69.66	67.17	60.29	(¹)	58.35
1990.....	76.08	74.80	70.10	61.38	74.81	71.43	63.28	(¹)	61.28
1991.....									

¹ Not available.

Agricultural Marketing Service.

Table 98.—Cotton, American upland: Average spot prices for specified staple lengths of Strict Low Middling in the designated markets for mixed lots, net weight, uncompressed in warehouse, cents per pound, 1978-91

Year beginning August	Staple							
	28	29	30	31	32	33	34	35
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1978.....	51.91	52.49	53.43	54.22	55.23	59.92	61.58	61.89
1979.....	59.03	59.54	60.54	62.08	63.42	69.53	71.48	71.87
1980.....	66.52	67.26	69.74	73.96	75.70	80.95	82.99	83.39
1981.....	47.60	48.14	49.92	52.54	54.13	58.28	60.48	60.89
1982.....	50.27	50.55	52.40	54.89	56.43	60.79	63.08	63.48
1983.....	60.82	61.00	62.53	64.63	66.32	70.71	73.11	73.55
1984.....	50.33	50.54	52.30	54.60	56.04	58.30	60.51	60.95
1985.....	50.16	50.35	52.16	54.41	55.80	57.86	60.01	60.48
1986.....	43.01	43.06	44.76	46.70	47.86	50.78	53.16	53.70
1987.....	56.25	56.25	57.38	58.44	59.33	60.81	63.13	63.63
1988.....	(¹)	48.02	48.94	50.21	52.89	54.12	57.67	58.13
1989.....	(¹)	59.78	60.74	62.93	64.89	66.63	69.78	70.23
1990.....	(¹)	61.27	62.48	65.46	69.15	71.52	74.80	74.22
1991.....								

¹ Not available.

Agricultural Marketing Service.

Table 99.—Cotton, American upland: High, low, and season average spot prices for the base quality in the designated markets, cents per pound, 1978-91 ¹

Season beginning August	Strict Low Middling 1½"			Season beginning August	Strict Low Middling 1½"		
	Average	High	Low		Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1978.....	61.58	67.57	56.46	1985.....	60.01	65.94	55.09
1979.....	71.48	84.82	60.62	1986.....	53.16	76.00	25.94
1980.....	82.99	92.29	72.65	1987.....	63.13	77.17	56.45
1981.....	60.48	71.31	53.51	1988.....	57.67	69.91	50.05
1982.....	63.08	73.35	57.34	1989.....	69.78	80.67	60.69
1983.....	73.11	81.61	63.79	1990.....	74.80	87.82	68.45
1984.....	60.51	65.46	57.60	1991.....			

¹ Prices are for mixed lots, net weight, uncompressed in warehouse.
Agricultural Marketing Service.

Table 100.—Cotton, American upland: Season average spot prices for the base quality, by designated markets, cents per pound, 1982-91 ¹

Market	Strict Low Middling 1½ inches						Market area				
	1982	1983	1984	1985	1986	1987		1988 ²	1989	1990	1991
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Greenville.....	63.50	73.28	61.08	60.52	51.66	63.37					
Augusta.....	63.50	72.93	60.56	60.17	51.34	62.79	Southeast.....	57.26	70.64	75.90	
Montgomery.....	63.33	73.25	60.73	60.40	51.70	62.54	North Delta.....	56.71	69.51	75.49	
Memphis.....	63.35	73.14	60.98	60.69	51.99	62.41	South Delta.....	56.67	69.50	75.53	
Greenwood.....	61.62	70.79	58.94	58.96	51.03	61.14	East TX-OK.....	55.88	67.11	71.40	
Dallas.....	60.84	70.35	58.93	59.17	51.20	61.09	West Texas.....	55.77	67.06	71.09	
Lubbock.....	63.17	74.13	61.57	59.84	55.38	65.69	Desert SW.....	59.67	59.67	75.90	
Phoenix.....	64.49	77.02	61.29	60.35	60.97	66.02	SJ Valley.....	63.30	73.47	78.30	
Fresno.....											
Average.....	63.08	73.11	60.51	60.01	53.16	63.13	Average.....	57.90	69.78	74.80	

¹ Year beginning August. Prices are for mixed lots, net weight, uncompressed in warehouse. ² Eleven month average, Sept. 1988-July 1989.

Agricultural Marketing Service.

Table 101.—Cotton: Average charge per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1985-90¹

Kind of cotton and State	1985	1986	1987	1988	1989	1990
Upland:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL.....	37.76	37.04	36.85	36.84	36.67	34.78
AZ.....	40.70	40.33	40.31	41.04	42.15	41.95
AK.....	38.94	37.19	38.72	39.31	38.99	37.63
CA.....	48.91	48.62	48.44	47.31	47.77	46.32
GA.....	42.89	42.41	42.53	43.06	42.70	41.59
LA.....	38.46	37.20	37.41	36.98	36.43	36.84
MS.....	36.59	37.16	37.64	38.40	37.42	38.20
MO.....	37.39	39.76	41.25	42.17	42.19	40.61
NM.....	54.26	52.80	55.31	53.43	55.51	56.26
NC.....	45.42	45.83	45.72	46.80	45.79	47.81
OK.....	48.57	50.35	50.60	47.74	45.63	50.46
SC.....	42.97	42.81	43.04	44.07	46.57	46.59
TN.....	38.78	34.69	34.80	35.02	34.59	34.06
TX.....	50.18	52.92	53.81	51.45	51.55	48.47
All upland cotton.....	44.86	44.91	45.82	45.14	44.26	43.68
American Pima.....	61.00	n.a.	n.a.	n.a.	n.a.	n.a.

¹ Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners.
n.a. not available.

Economic Research Service.

Table 102.—Cotton linters: Supply, distribution, season average price, United States, 1978-91

Year beginning August	Supply				Distribution		Price per pound ¹		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	<i>1,000 bales²</i>	<i>1,000 bales²</i>	<i>1,000 bales³</i>	<i>1,000 bales²</i>	<i>1,000 bales²</i>	<i>1,000 bales⁴</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1978.....	282	1,077	60	1,419	980	263	11.92	9.70	7.00-8.60
1979.....	229	1,129	80	1,438	897	276	15.34	12.63	11.56-13.36
1980.....	316	1,097	40	1,452	832	261	14.46	9.52	9.00-11.82
1981.....	356	1,210	22	1,588	823	267	13.28	7.88	6.04-9.24
1982.....	476	1,029	23	1,524	812	277	12.75	8.50	5.42-9.83
1983 ⁵	287	699	77	1,063	783	106	33.77	28.68	22.10-26.85
1984.....	215	955	107	1,277	737	141	18.36	13.30	10.68-16.11
1985.....	315	936	116	1,367	710	119	⁶ 15.35	⁶ 9.84	⁶ 5.70-8.05
1986.....	509	669	128	1,306	788	90	⁶ 12.75-21.00		⁶ 6.50-14.00
1987.....	360	868	109	1,337	918	110	13.50-22.00		8.00-15.00
1988.....	322	952	55	1,329	824	181	13.00-21.00		10.00-16.00
1989.....	339	754	49	1,141	743	63	15.00-28.50		15.00-23.00
1990.....	323	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	12.00-24.00		13.00-16.00
1991 ⁷	(⁸)								

¹ Uncompressed in carload lots, f.o.b. mill points. ² Running bales. ³ Imports are in 500 pound gross weight bales prior to 1982 and in 634 pound equivalent bales thereafter. ⁴ Exports are in running bales prior to 1982 and in 634 pound equivalent bales thereafter. ⁵ Ten-month average, Aug. 1985 thru May 1986. ⁶ Six months, Feb. thru July 1987, low to high range reported. ⁷ Preliminary. ⁸ Not released by Bureau of the Census.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the Bureau of the Census.

Table 103.—Cotton: Supply and distribution, by countries, 1990-91

Country	Beginning stocks Aug. 1 ¹	Production	Imports	Total supply	Consumption ¹	Exports	Ending stocks July 31 ¹	Total distribution
	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²
Exporting countries:								
Mexico.....	249	781	202	1,232	781	170	281	1,232
Nicaragua.....	21	133	0	154	10	130	14	154
El Salvador.....	47	21	65	133	85	5	43	133
Guatemala.....	35	170	20	225	85	120	20	225
Argentina.....	671	1,355	32	2,058	606	646	806	2,058
Brazil.....	1,692	3,200	445	5,337	3,215	717	1,405	5,337
Colombia.....	120	587	14	721	461	165	95	721
Paraguay.....	503	1,217	0	1,720	55	955	710	1,720
Peru.....	492	304	0	796	275	110	411	796
Honduras.....	14	7	0	21	12	0	9	21
Angola.....	7	20	0	27	15	5	7	27
Central African Republic.....	19	55	0	74	15	40	19	74
Cameroon.....	15	200	35	250	50	190	10	250
Malawi.....	18	35	10	63	25	25	13	63
Zimbabwe.....	94	337	0	431	185	153	93	431
Sudan.....	223	380	0	603	60	400	143	603
Uganda.....	65	37	0	102	14	10	78	102
Egypt.....	276	1,378	244	1,898	1,475	90	333	1,898
Tanzania.....	151	215	0	366	61	190	115	366
Mozambique.....	45	55	5	105	45	0	60	105
Other Africa.....	567	2,531	0	3,098	310	2,085	703	3,098
Afghanistan.....	63	100	0	163	80	40	43	163
Iran.....	76	553	0	629	500	55	74	629
Israel.....	148	236	55	439	95	195	149	439
Pakistan.....	1,178	7,522	2	8,702	5,749	1,397	1,556	8,702
Syria.....	217	665	0	882	275	370	237	882
Turkey.....	513	3,007	209	3,729	2,514	753	462	3,729
Other Asia.....	9	65	0	74	21	44	9	74
Australia.....	517	1,989	1	2,507	117	1,400	990	2,507
United States.....	3,000	15,505	4	18,509	8,372	7,793	2,344	18,509
Soviet Union.....	2,005	11,909	200	14,114	8,700	2,000	3,414	14,114
China.....	4,379	20,700	2,205	27,284	20,000	928	6,356	27,284
India.....	2,577	9,135	0	11,712	9,018	929	1,765	11,712
Total exporting countries.....	20,006	84,404	3,748	108,158	63,281	22,110	22,767	108,158
Importing countries:								
Canada.....	14	0	185	199	185	0	14	199
Chile.....	29	0	80	109	80	0	29	109
Other Western Hemisphere.....	258	187	231	676	465	32	179	676
Austria.....	7	0	120	127	115	5	7	127
Belgium.....	45	0	177	222	173	9	40	222
Finland.....	23	0	50	73	50	0	23	73
France.....	161	0	525	686	530	20	136	686
Germany.....	270	0	992	1,262	955	120	187	1,262
Greece.....	394	966	92	1,452	827	390	235	1,452
Italy.....	457	1	1,541	1,999	1,470	0	529	1,999
Portugal.....	295	0	775	1,070	780	0	290	1,070
Spain.....	228	371	401	1,000	705	134	161	1,000
Sweden.....	10	0	25	35	25	0	10	35
Switzerland.....	195	0	300	495	285	10	200	495
United Kingdom.....	127	0	140	267	140	0	127	267
Yugoslavia.....	48	1	295	344	300	0	44	344
Other Europe.....	546	95	1,470	2,111	1,645	2	464	2,111
Hong Kong.....	283	0	1,200	1,483	980	230	273	1,483
Japan.....	731	0	2,949	3,680	3,027	0	653	3,680
Korea, Rep. of.....	634	1	2,052	2,687	2,026	0	661	2,687
Philippines.....	59	28	225	312	250	0	62	312
Taiwan.....	589	0	1,479	2,068	1,589	0	479	2,068
Other Asia.....	813	395	4,131	5,339	4,284	64	991	5,339
Ethiopia.....	9	90	0	99	90	0	9	99
Nigeria.....	31	165	211	407	340	0	67	407
South Africa.....	215	223	65	503	339	24	140	503
Other Africa.....	112	157	571	840	704	31	105	840
Total importing countries.....	6,569	2,680	20,097	29,346	22,174	1,071	6,101	29,346
World total.....	26,445	86,871	24,080	137,347	85,591	22,981	28,775	137,347
Foreign (all countries) (world minus United States).....	23,445	71,366	24,026	118,838	77,219	15,188	26,431	118,838

¹ Includes cotton destroyed or unaccounted for. ² Bales of 480 pounds net (500 pounds gross).

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 104.—Sugarbeets: Area, yield, production, marketing year average price per ton received by farmers, value, and sugar production, United States, 1977-91 ¹

Year	Area		Yield per harvested acre	Production	Price ²	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis ³
	1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1977.....	1,272.6	1,216.2	20.6	25,007	24.20	604,399	3,108	2,905
1978.....	1,305.4	1,269.2	20.3	25,788	25.20	649,846	3,289	3,074
1979.....	1,160.7	1,119.7	19.6	21,996	33.90	745,273	2,879	2,691
1980.....	1,231.3	1,189.5	19.8	23,502	47.20	1,108,974	3,149	2,943
1981.....	1,251.6	1,228.1	22.4	27,538	29.20	803,569	3,388	3,166
1982.....	1,054.2	1,026.8	20.3	20,894	35.40	740,342	2,737	2,558
1983.....	1,081.4	1,055.8	19.9	20,992	37.00	777,718	2,699	2,522
1984.....	1,123.6	1,096.3	20.2	22,134	33.90	750,162	2,905	2,715
1985.....	1,124.5	1,102.5	20.4	22,529	33.80	761,236	3,033	2,835
1986.....	1,231.5	1,191.2	21.1	25,162	35.90	901,771	3,281	3,066
1987.....	1,266.7	1,252.4	22.4	28,072	38.20	1,073,584	3,998	3,736
1988.....	1,327.2	1,300.7	19.1	24,810	41.20	1,022,284	3,507	3,278
1989.....	1,324.4	1,294.5	19.4	25,131	42.10	1,058,298	3,442	3,217
1990.....	1,400.4	1,377.2	20.0	27,513	42.90	1,179,757	3,842	3,591
1991 ⁴	1,421.0	1,388.7	20.1	27,848			3,733	3,489

¹ Relates to year of intended harvest except for overwintered spring planted beets in California. ² Prices do not include Government payments under the Sugar Act. ³ Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar. ⁴ Preliminary.
National Agricultural Statistics Service.

Table 105.—Sugarbeets: Area, yield, and production, by States, 1989-91 ¹

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
CA.....	176.0	173.0	160.0	169.0	168.0	155.0	27.3	25.8	24.0	4,614	4,334	3,720
CO.....	40.6	40.8	39.4	40.0	40.0	39.0	22.8	23.6	24.0	912	944	936
ID.....	179.0	188.0	196.0	177.0	186.0	195.0	22.8	26.0	25.1	4,038	4,836	4,895
MI.....	154.0	160.0	171.0	150.0	157.0	166.0	17.1	20.8	15.5	2,565	3,266	2,573
MN.....	342.0	368.0	369.0	341.0	364.0	363.0	16.0	14.8	17.0	5,456	5,387	6,171
MT.....	52.7	55.2	56.6	51.9	55.1	56.3	19.9	22.5	23.3	1,033	1,240	1,312
NE.....	70.1	75.1	82.0	62.2	71.0	78.2	18.8	21.0	20.2	1,169	1,491	1,580
ND.....	180.2	193.9	195.0	180.1	193.2	193.9	15.7	14.4	18.4	2,828	2,782	3,568
OH.....	13.6	20.0	20.3	11.9	19.2	18.5	16.7	18.5	16.0	199	355	296
OR.....	15.9	17.2	18.9	15.2	16.7	18.6	25.7	29.2	29.0	391	488	539
TX.....	36.6	41.9	41.5	35.3	41.0	36.5	21.0	24.8	22.1	743	1,017	807
WY.....	61.8	65.0	69.0	59.3	63.8	66.4	19.2	20.5	20.6	1,139	1,308	1,368
Other ³	1.9	2.3	2.3	1.6	2.2	2.3	27.5	29.5	36.1	44	65	83
US.....	1,324.4	1,400.4	1,421.0	1,294.5	1,377.2	1,388.7	19.4	20.0	20.1	25,131	27,513	27,848

¹ Relates to year of intended harvest except for overwintered spring planted beets in California. ² Preliminary. ³ Includes NM and WA.
National Agricultural Statistics Service.

Table 106.—Sugarbeets: Production and value, by States, crop of 1989 ¹

State	Production	Marketing year average price per ton received by farmers	Value of production	State	Production	Marketing year average price per ton received by farmers	Value of production
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
CA.....	4,334	41.60	180,294	OH.....	355	(²)	(²)
CO.....	944	39.80	37,571	OR.....	488	37.80	18,446
ID.....	4,836	41.70	201,661	TX.....	1,017	37.20	37,832
MI.....	3,266	38.80	125,088	WY.....	1,308	40.50	52,974
MN.....	5,387	49.00	263,963	OTH STS.....	65	37.80	14,200
MT.....	1,240	43.20	53,568				
NE.....	1,491	40.10	59,789	US.....	27,513	42.90	1,179,757
ND.....	2,782	48.30	134,371				

¹ Relates to year of intended harvest except for overwintered spring planted beets in California. ² Included in other States.

National Agricultural Statistics Service.

Table 107.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1977-91

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cents</i>	<i>1,000 dollars</i>
1977.....	4,915	2,726	133,985	38.26	5,126
1978.....	3,153	2,266	71,443	37.12	2,652
1979.....	3,074	2,374	72,964	36.00	2,627
1980.....	3,329	2,439	81,218	38.00	3,086
1981.....	6,442	2,675	172,324	41.36	7,128
1982.....	5,923	2,989	177,061	44.34	7,851
1983.....	4,355	2,390	104,091	45.23	4,708
1984.....	4,204	2,426	101,973	46.60	4,752
1985.....	4,957	2,848	141,166	47.87	6,757
1986.....	4,442	2,997	133,133	49.26	6,558
1987.....	3,913	3,139	122,846	48.29	5,932
1988.....	3,941	2,506	98,759	48.73	4,813
1989.....	3,792	2,771	105,082	50.71	5,329
1990.....	4,920	2,323	114,279	48.33	5,523
1991.....	4,683	1,138	53,274	50.64	2,698

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

Table 108.—Sugarbeets: Area, yield, and production in specified countries, 1989/90–1991/92

Continent and country	Area harvested			Yield per hectare			Production ²		
	1989/90	1990/91	1991/92 ¹	1989/90	1990/91	1991/92 ¹	1989/90	1990/91	1991/92 ¹
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	22	24	24	37.6	39.3	37.5	828	942	900
United States.....	524	557	562	43.5	44.8	45.0	22,798	24,959	25,263
Total.....	546	581	586	43.3	44.6	44.6	23,626	25,901	26,163
South America:									
Chile.....	55	43	40	55.1	60.5	55.0	3,030	2,600	2,200
Uruguay.....	6	4	4	25.0	37.5	37.5	150	150	150
Total.....	61	47	44	52.1	58.5	53.4	3,180	2,750	2,350
Europe:									
Belgium and Luxembourg.....	106	112	106	51.2	61.2	57.0	5,425	6,857	6,043
Germany.....	609	620	574	44.2	49.0	45.2	26,901	30,366	25,926
Denmark.....	67	66	65	49.4	55.8	200.4	3,309	3,685	13,027
France.....	427	474	453	56.0	53.8	53.6	23,915	25,520	24,282
Greece.....	48	44	44	71.5	62.7	70.5	3,434	2,760	3,100
Ireland.....	32	32	32	45.3	46.3	44.4	1,451	1,480	1,420
Italy.....	302	270	274	55.9	43.0	41.6	16,891	11,600	11,400
Netherlands.....	128	125	123	56.3	69.7	58.5	7,208	8,707	7,200
Portugal.....	1	1	1	13.0	15.0	17.0	13	15	17
Spain.....	160	160	150	44.8	45.4	44.7	7,172	7,265	6,710
United Kingdom.....	194	192	170	41.2	41.7	46.2	8,000	8,000	7,850
Total EC.....	1,465	2,085	2,038	52.4	49.3	54.7	76,818	102,790	111,415
Austria.....	47	50	51	56.2	49.9	49.5	2,641	2,494	2,522
Finland.....	31	32	32	34.1	35.2	34.3	1,057	1,125	1,099
Sweden.....	50	49	38	53.0	56.7	42.8	2,651	2,776	1,628
Switzerland.....	15	14	14	59.3	69.6	64.1	889	975	897
West Europe.....	143	145	135	50.6	50.8	45.5	7,238	7,370	6,146
Albania.....	10	8	7	26.5	25.0	24.3	265	200	170
Bulgaria.....	35	37	35	16.7	24.3	20.0	585	900	700
Czechoslovakia.....	182	170	168	35.1	31.2	34.9	6,389	5,308	5,857
Hungary.....	115	115	115	38.3	38.3	43.5	4,400	4,400	5,000
Poland.....	423	440	361	34.0	38.0	31.6	14,374	16,721	11,412
Romania.....	243	163	202	26.5	19.1	22.4	6,432	3,114	4,516
Yugoslavia.....	142	158	139	47.9	37.4	44.7	6,797	5,915	6,219
Eastern Europe.....	1,150	1,091	1,027	34.1	33.5	33.0	39,242	36,558	33,874
Soviet Union.....	3,338	3,286	3,155	29.2	24.9	21.0	97,414	81,730	66,380
North Africa:									
Algeria.....	6	6	6	18.3	18.3	18.3	110	110	110
Egypt.....	13	21	22	33.3	40.0	38.6	433	840	850
Morocco.....	63	66	69	45.8	45.1	44.0	2,885	2,978	3,036
Tunisia.....	6	6	6	37.5	48.2	35.0	225	289	210
Total.....	88	99	103	41.5	42.6	40.8	3,653	4,217	4,206
Middle East:									
Iran.....	150	150	150	26.7	30.0	31.7	4,000	4,500	4,750
Iraq.....	15	15	15	8.3	8.3	8.3	125	125	125
Lebanon.....	2	2	2	25.0	25.0	25.0	50	50	50
Syria.....	23	30	30	22.2	20.0	20.0	510	600	600
Turkey.....	350	378	398	31.2	37.0	38.9	10,930	13,986	15,500
Total.....	540	575	595	28.9	33.5	35.3	15,615	19,261	21,025
Asia:									
Afghanistan.....	3	3	3	11.7	11.7	11.7	35	35	35
China.....	569	670	750	16.2	21.7	20.0	9,243	14,526	15,000
Japan.....	72	72	72	50.9	55.5	57.2	3,664	3,994	4,115
Pakistan.....	11	12	12	31.1	23.5	29.2	342	282	350
Total.....	655	757	837	20.3	24.9	23.3	13,284	18,837	19,500
Grand total.....	7,986	8,666	8,520	35.1	34.6	34.2	280,070	299,414	291,059

¹ Preliminary. ² Quantity for processing.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 109.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1977-91

Year ¹	Area harvested			Yield of cane per acre			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
1977.....	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,830
1978.....	699.8	43.9	743.7	35.5	26.8	35.0	24,821	1,176	25,997
1979.....	689.7	43.0	732.7	36.8	26.1	36.2	25,410	1,122	26,532
1980.....	683.6	49.1	732.7	37.4	28.1	36.8	25,582	1,381	26,963
1981.....	715.6	39.8	755.4	36.6	31.2	36.3	26,165	1,243	27,408
1982.....	700.4	41.3	741.7	40.6	32.0	40.1	28,449	1,321	29,770
1983.....	733.4	34.3	767.7	37.1	28.0	36.7	27,201	960	28,161
1984.....	700.7	46.6	747.3	37.1	28.6	36.6	26,008	1,332	27,340
1985.....	722.8	47.2	770.0	37.2	28.3	36.6	26,877	1,336	28,213
1986.....	750.7	45.5	796.2	38.5	30.2	38.1	28,936	1,375	30,311
1987.....	778.3	45.3	823.6	36.0	26.3	35.5	28,026	1,192	29,218
1988.....	793.6	51.7	845.3	35.9	27.6	35.4	28,479	1,425	29,904
1989.....	803.3	48.6	851.9	34.9	27.9	34.5	28,069	1,357	29,426
1990.....	726.4	67.8	794.2	36.4	24.5	35.4	26,475	1,661	28,136
1991 ²	851.4	47.2	898.6	34.1	26.6	33.7	29,002	1,255	30,257

Year ¹	Marketing year average price received by farmers per ton of sugar ³	Value of production		Sugar production			Molasses ⁷
		Of cane used for sugar	Of cane used for sugar and seed ⁴	Raw value ⁵		Refined basis ⁶	
				Total	Per ton of cane		
	Dollars	1,000 dollars	1,000 dollars	1,000 tons	Pounds	1,000 tons	1,000 gallons
1977.....	17.70	454,217	474,257	2,684	209	2,508	164,894
1978.....	19.50	483,905	506,851	2,612	210	2,441	161,810
1979.....	26.00	661,212	690,544	2,700	213	2,524	164,581
1980.....	38.50	984,559	1,035,990	2,728	213	2,550	163,341
1981.....	24.90	650,721	681,983	2,833	217	2,647	182,656
1982.....	26.50	755,038	789,897	3,063	215	2,863	177,041
1983.....	27.80	755,574	781,393	2,930	215	2,739	175,875
1984.....	28.20	734,026	769,934	3,007	231	2,811	173,503
1985.....	26.70	717,690	751,550	3,033	226	2,835	178,539
1986.....	27.30	788,678	824,724	3,281	227	3,066	185,970
1987.....	29.10	816,801	851,664	3,333	238	3,115	185,496
1988.....	29.40	836,810	877,817	3,398	239	3,176	191,208
1989.....	29.20	819,057	857,678	3,176	226	2,967	192,741
1990.....	30.70	815,630	863,499	3,152	238	2,945	176,868
1991 ²				3,297		3,081	

¹ In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.

² Preliminary. ³ Prices do not include Government payments under the Sugar Act. ⁴ Price per ton of cane for sugar used in evaluating value of production for seed. ⁵ Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948. ⁶ Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar. ⁷ Excludes edible.

National Agricultural Statistics Service.

Table 110.—Sugarcane for sugar and seed: Production and value, by States, crop of 1990

State	Sugar			Sugar and seed: Value of production ¹
	Production	Price per ton	Value of production	
	1,000 tons	Dollars	1,000 dollars	1,000 dollars
FL.....	14,874	31.50	468,531	485,321
HI.....	6,538	32.70	213,793	219,843
LA.....	4,150	26.60	110,390	134,490
TX.....	913	25.10	22,916	23,845
Total.....	26,475	30.70	815,630	863,499

¹ Price per ton of cane for sugar used in evaluating value of production for seed.

National Agricultural Statistics Service.

Table 111.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1989–91

State	Sugarcane for sugar and seed ¹								
	Area harvested			Yield of cane per acre			Cane production		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
For sugar:	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
FL.....	405.0	419.0	429.0	31.4	35.5	34.3	12,717	14,874	14,715
HI.....	74.7	72.0	66.5	94.8	90.8	87.3	7,082	6,538	5,805
LA.....	290.0	201.0	321.0	25.7	20.6	23.0	7,440	4,150	7,383
TX.....	33.6	34.4	34.9	24.7	26.5	31.5	830	913	1,099
US.....	803.3	726.4	851.4	34.9	36.4	34.1	28,069	26,475	29,002
For seed:									
FL.....	15.0	15.0	14.0	31.4	35.5	34.3	471	533	480
HI.....	6.7	7.0	7.5	29.1	28.4	25.2	195	185	189
LA.....	25.0	44.0	24.0	25.7	20.6	23.0	643	906	552
TX.....	1.9	1.8	1.7	25.3	20.6	20.0	48	37	34
US.....	48.6	67.8	47.2	27.9	24.5	26.6	1,357	1,661	1,255
For sugar and seed:									
FL.....	420.0	434.0	443.0	31.4	35.5	34.3	13,188	15,407	15,195
HI.....	81.4	79.0	74.0	89.4	85.1	81.0	7,277	6,723	5,994
LA.....	315.0	245.0	345.0	25.7	20.6	23.0	8,083	5,056	7,935
TX.....	35.5	36.2	36.6	24.7	26.2	31.0	878	950	1,133
US.....	851.9	794.2	898.6	34.5	35.4	33.7	29,426	28,136	30,257

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value ³)			Sugar produced (raw value ³)			Equivalent refined ⁴			Molasses ⁵		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	Lb.	Lb.	Lb.	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 gallons	1,000 gallons	1,000 gallons
FL.....	220	243	246	1,399	1,806	1,723	1,307	1,688	1,610	100,042	104,131	98,235
HI.....	244	251	247	864	820	720	807	766	673	^a 40,940	^a 38,980	^a 34,300
LA.....	227	211	215	844	438	749	789	409	700	41,950	27,100	44,500
TX.....	166	193	207	69	88	105	64	82	98	11,799	8,062	9,870
US.....	226	238	237	3,176	3,152	3,297	2,967	2,945	3,081	194,731	178,273	186,905

¹ In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.

² Preliminary.

³ Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

⁴ Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

⁵ Blackstrap (80° Brix) high-test molasses from frozen cane and edible molasses. ⁶ 85° brix.

National Agricultural Statistics Service.

Table 112.—Sugarcane: Area, yield, and production in specified countries, 1989/90–1991/92

Continent and country	Area			Yield per hectare			Production ²		
	1989/ 90	1990/ 91	1991/ 92 ¹	1989/ 90	1990/ 91	1991/ 92 ¹	1989/ 90	1990/ 91	1991/ 92 ¹
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Mexico.....	511	525	519	68.1	68.6	68.0	34,800	36,000	35,300
Hawaii.....	30	23	27	214.2	204.5	195.0	6,425	5,931	5,266
United States.....	295	265	318	64.5	68.3	68.9	19,039	18,087	21,899
Total.....	836	819	864	72.1	73.3	72.3	60,264	60,018	62,465

See footnotes at end of table.

Table 112.—Sugarcane: Area, yield, and production in specified countries, 1989/90–1991/92—Continued

Continent and country	Area			Yield per hectare			Production ²		
	1989/ 90	1990/ 91	1991/ 92 ¹	1989/ 90	1990/ 91	1991/ 92 ¹	1989/ 90	1990/ 91	1991/ 92 ¹
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
South America:									
Argentina	240	265	280	44.2	47.2	51.1	10,606	12,520	14,320
Brazil	1,210	1,170	1,220	60.3	64.1	61.5	73,000	75,000	75,000
Colombia	113	117	119	123.9	122.9	122.3	14,000	14,375	14,550
Ecuador	46	46	48	64.3	64.3	60.4	2,960	2,960	2,900
Guyana	40	40	42	67.5	57.7	69.9	2,700	2,309	2,935
Peru	45	32	30	135.6	130.8	133.3	6,100	4,186	4,000
Venezuela	115	105	105	55.2	62.1	63.8	6,346	6,519	6,700
Other S.A.	88	93	98	42.5	48.1	55.2	3,740	4,470	5,405
Total	1,897	1,868	1,942	63.0	65.5	64.8	119,452	122,339	125,810
Central America:									
Belize	23	23	23	48.1	49.2	46.9	1,107	1,132	1,079
Costa Rica	29	35	36	84.0	74.0	76.1	2,436	2,589	2,740
El Salvador	36	42	42	74.3	77.5	92.5	2,673	3,257	3,886
Guatemala	120	120	125	72.6	81.6	81.3	8,712	9,797	10,161
Honduras	29	29	30	70.7	68.1	66.7	2,049	1,975	2,000
Nicaragua	40	37	40	57.5	67.9	65.9	2,300	2,514	2,635
Panama	22	31	32	53.0	45.2	39.7	1,166	1,400	1,270
Total	299	317	328	68.4	71.5	72.5	20,443	22,664	23,771
Caribbean:									
Cuba	1,350	1,350	1,200	51.9	50.0	45.0	70,000	67,500	54,000
Dominican Republic	206	210	212	33.8	32.6	32.5	6,960	6,845	6,900
Haiti	50	50	50	10.5	10.5	10.5	525	525	525
Jamaica	40	42	41	63.1	64.0	61.0	2,524	2,689	2,500
Other Caribbean	69	68	67	51.9	55.5	47.5	3,581	3,776	3,182
Total	1,715	1,720	1,570	48.7	47.3	42.7	83,590	81,335	67,107
West Europe:									
Spain	2	2	2	87.0	85.0	85.0	174	170	170
Africa:									
Egypt	91	90	89	95.6	97.8	93.3	8,700	8,800	8,300
Ethiopia	25	25	25	92.0	92.0	92.0	2,300	2,300	2,300
Ivory Coast	38	38	38	92.1	92.1	92.1	3,500	3,500	3,500
Kenya	41	40	46	97.9	102.5	93.0	4,012	4,100	4,280
Mauritius	80	80	80	75.0	75.0	80.0	6,000	6,000	6,400
Reunion	33	33	33	54.2	54.5	60.6	1,790	1,800	2,000
South Africa	272	265	276	68.5	68.2	72.7	18,636	18,083	20,078
Sudan	40	50	50	112.5	100.0	100.0	4,500	5,000	5,000
Swaziland	36	36	37	105.5	106.9	106.5	3,797	3,850	3,941
Zimbabwe	35	35	20	109.0	106.6	139.7	3,816	3,732	2,793
Other Africa	260	263	269	50.9	50.2	49.8	13,231	13,215	13,405
Total	951	955	963	73.9	73.7	74.8	70,282	70,380	71,997
Asia:									
Bangladesh	44	46	50	47.7	47.0	53.2	2,100	2,160	2,660
China	960	1,009	1,050	50.8	57.1	55.2	48,795	57,620	58,000
India	1,901	2,117	2,200	65.4	64.3	64.5	124,348	136,119	142,000
Indonesia	340	365	385	79.0	76.9	73.0	26,850	28,074	28,100
Iran	40	40	45	45.0	55.0	53.3	1,800	2,200	2,400
Japan	34	33	33	78.9	60.0	56.1	2,683	1,979	1,850
Pakistan	496	555	624	41.3	40.7	39.3	20,500	22,600	24,500
Philippines	310	341	350	69.1	54.5	55.7	21,425	18,600	19,500
Taiwan	61	55	58	86.6	76.7	93.1	5,283	4,219	5,400
Thailand	688	820	860	48.8	49.5	53.5	33,560	40,563	46,000
Vietnam	80	100	100	50.0	50.0	50.0	4,000	5,000	5,000
Other Asia	59	54	54	49.6	49.1	50.0	2,925	2,651	2,700
Total	5,013	5,535	5,809	58.7	58.1	58.2	294,269	321,785	338,110
Oceania:									
Australia	331	339	341	83.3	74.2	62.5	27,562	25,140	21,300
Fiji	60	60	60	68.2	67.0	67.0	4,089	4,020	4,020
Total	391	399	401	80.9	73.1	63.1	31,651	29,160	25,320
Grand total	11,104	11,615	11,879	61.3	60.9	60.2	680,125	707,851	714,750

¹ Preliminary. ² Quantity for processing.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 113.—Sugar: Production in specified countries, 1989/90–1991/92 ¹

Continent and country	1989/90	1990/91	1991/92 ²	Continent and country	1989/90	1990/91	1991/92 ²
CENTRIFUGAL SUGAR (raw value) ³	1,000 metric tons	1,000 metric tons	1,000 metric tons	CENTRIFUGAL SUGAR (raw value) ³	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America and Caribbean:				Albania	16	14	15
Canada.....	121	138	160	Bulgaria	60	80	70
Costa Rica.....	245	265	290	Czechoslovakia	878	700	780
Cuba.....	8,000	7,620	6,000	Hungary	630	550	700
Dominican Republic.....	636	580	600	Poland	1,865	2,214	1,642
El Salvador.....	211	270	349	Romania	499	334	430
Guatemala.....	875	1,015	1,149	Yugoslavia	930	885	850
Honduras.....	199	191	199	Total Eastern Europe	4,878	4,777	4,487
Jamaica.....	219	237	230	Total Europe	21,974	22,966	21,318
Mexico.....	3,100	3,600	3,500	Soviet Union	9,560	9,160	6,850
Nicaragua.....	198	217	250	Africa:			
Panama.....	114	126	127	Egypt	957	982	950
Trinidad and Tobago.....	121	104	116	Ethiopia	189	190	200
United States.....	6,008	6,273	6,532	Ivory Coast	164	180	180
Other North and Central America and Caribbean.....	355	343	303	Kenya	441	430	434
Total	20,402	20,979	19,805	Madagascar	125	125	125
South America:				Malawi	175	200	200
Argentina.....	944	1,300	1,570	Mauritius	602	661	648
Bolivia.....	180	225	230	Morocco	494	519	519
Brazil.....	7,793	7,900	9,133	Reunion	178	200	221
Chile.....	448	370	360	South Africa	2,289	2,152	2,429
Colombia.....	1,611	1,595	1,653	Sudan	420	480	500
Ecuador.....	331	355	329	Swaziland	504	527	515
Guyana.....	130	162	217	Tanzania	95	112	115
Paraguay.....	120	100	110	Zambia	142	133	140
Peru.....	620	585	500	Zimbabwe	502	493	348
Surinam.....	1	1	1	Other Africa ⁴	565	582	579
Uruguay.....	75	70	80	Total Africa	7,836	7,966	8,103
Venezuela.....	495	510	540	Asia:			
Total	12,748	13,173	14,743	Bangladesh	196	262	240
European Community:				China (Mainland)	5,618	6,648	7,000
Belgium-Luxembourg.....	1,039	1,116	967	India	12,575	13,748	14,650
Denmark.....	529	591	508	Indonesia	2,080	2,120	2,200
France.....	4,204	4,736	4,423	Iran	600	700	750
Germany.....	4,087	4,672	4,245	Japan	988	922	990
Greece.....	421	315	310	Malaysia	105	95	100
Ireland.....	233	227	230	Pakistan	1,987	2,067	2,280
Italy.....	1,803	1,587	1,640	Philippines	1,750	1,718	1,850
Netherlands.....	1,241	1,341	1,137	Taiwan	511	409	500
Portugal.....	2	2	2	Thailand	3,502	3,954	5,000
Spain.....	1,037	1,036	1,024	Turkey	1,380	1,944	1,900
United Kingdom.....	1,322	1,360	1,330	Vietnam	450	500	500
Total EC	15,918	16,983	15,816	Other Asia ⁵	207	214	231
Austria	457	451	466	Total Asia	31,949	35,301	38,191
Finland	168	176	161	Oceania:			
Sweden	401	419	252	Australia	3,797	3,637	3,180
Switzerland	152	160	136	Fiji	461	420	420
Other Western Europe	1,178	1,206	1,015	Total Oceania	4,258	4,057	3,600
Total Europe	17,096	18,189	16,831	World total	108,727	113,602	112,610

¹ Crop years are on a September/August basis, but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September. ² Preliminary. ³ Centrifugal sugar, as distinguished from non-centrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade. ⁴ "Other Africa" includes Algeria, Cameroon, Chad, Congo, Gabon, Ghana, Guinea, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somalia, Sudan, Tunisia, and Zambia. ⁵ "Other Asia" includes Afghanistan, Burma, Iraq, Israel, Lebanon, Papua, New Guinea, Nepal, Sri Lanka, Syria, and Vietnam.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 114.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1989-91 ¹

Country or area of supply	1989	1990	1991 ²	Country or area of supply	1989	1990	1991 ²
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
Argentina.....	118	110	89	South Africa.....			0
Australia.....	123	146	158	Taiwan.....	14	20	8
Belize.....	25	39	25	Other countries.....	268	393	392
Brazil.....	92	412	293				
Colombia.....	338	372	87	Total foreign countries.....	1,838	2,726	2,589
Costa Rica.....	15	48	66				
Dominican Republic.....	303	340	366	Domestic areas:			
Ecuador.....	13	19	25	Mainland (beet).....	3,449	3,570	3,759
El Salvador.....	33	45	72	Mainland (cane).....	2,594	2,110	1,872
Fiji Islands.....	10	35	17	Hawaii.....	788	818	518
Guatemala.....	62	240	396	Puerto Rico.....	12		0
Haiti.....	8	5	9				
Mexico.....	148	5	9	Total domestic areas..	6,843	6,498	6,149
Nicaragua.....		53	127				
Panama.....		83	61	Grand total.....	8,681	9,224	8,738
Peru.....	49	88	72				
Philippines.....	219	273	317				

¹ Raw value is the equivalent in terms of 96° sugar. ² Preliminary.

National Agricultural Statistics Service and Agricultural Stabilization and Conservation Service.

Table 115.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1977-92 ¹

Item and year	Cane sugar refineries ²	Beet sugar factories	Importers of direct consumption sugar ³	Mainland cane sugar mills ⁴	Total
JAN. 1 STOCKS ⁵	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1977.....	261	1,661	0		1,922
1978.....	312	1,580	85		1,977
1979.....	267	1,458	0		1,725
1980.....	240	1,126	0		1,366
1981.....	294	1,202	0		1,496
1982.....	255	1,193	0		1,448
1983.....	245	1,324	0		1,569
1984.....	210	1,081	0		1,241
1985.....	214	1,430	0		1,644
1986.....	197	1,189	0		1,386
1987.....	211	1,304	0		1,515
1988.....	184	1,546	0		1,730
1989.....	187	1,372	0		1,559
1990.....	155	1,412	0		1,567
1991.....	168	1,327	0		1,495
1992.....	811	1,515	7		2,333
PRODUCTION OR RECEIPTS					
1977.....	7,078	3,199	258		10,535
1978.....	6,942	2,867	95		9,904
1979.....	6,958	2,650	84		9,692
1980.....	7,162	2,852	7		10,021
1981.....	7,144	2,974	17		10,135
1982.....	5,726	2,953	46		8,725
1983.....	5,879	2,419	49		8,147
1984.....	6,042	3,058	39		9,139
1985.....	5,268	2,896	38		8,202
1986.....	5,128	3,219	28		8,375
1987.....	4,960	3,912	18		8,890
1988.....	4,701	3,717	20		8,438
1989.....	5,311	3,500	76		8,887
1990.....	5,611	3,526	39		9,176
1991.....	5,525	3,771	30		9,326
DELIVERIES ⁶					
1977.....	7,026	3,280	172	17	10,495
1978.....	6,987	2,989	180	18	10,174
1979.....	6,985	2,982	84	18	10,069
1980.....	7,100	2,973	7	45	10,125
1981.....	7,183	2,983	17	24	10,207
1982.....	5,736	2,840	46	24	8,646
1983.....	5,714	2,712	49	4	8,479
1984.....	5,630	2,732	39	13	8,414
1985.....	4,853	2,979	38	4	7,874
1986.....	4,594	3,077	28	3	7,702
1987.....	4,454	3,656	18	4	8,131
1988.....	4,290	3,832	20	5	8,147
1989.....	4,764	3,449	76	6	8,295
1990.....	4,998	3,570	39	8	8,615
1991.....	4,786	3,713	30	11	8,540

¹ All sugars converted to refined basis. ² Includes Hawaiian sugar for direct consumption. ³ Includes Puerto Rican sugar for direct consumption. ⁴ Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported. ⁵ Stocks include sugar in bond and in Customs custody and control. ⁶ Includes deliveries for export, for livestock feed, and for use in alcohol. ⁷ Includes beet sugar, forfeited to and marketed by CCC.

National Agricultural Statistics Service and Agricultural Stabilization and Conservation Service.

Table 116.—Sugar, cane (raw ¹): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1977-91

Year	Jan. 1 stocks	Receipts ²	Meltings	Deliveries for direct consumption
	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1977	776	8,315	7,564	12
1978	1,678	6,789	7,578	13
1979	964	7,057	7,539	14
1980	541	7,892	7,735	4
1981	691	7,855	7,693	
1982	844	5,856	6,183	
1983	517	6,287	6,241	
1984	528	6,045	6,100	
1985	473	5,445	5,390	
1986	523	5,143	5,155	
1987	516	4,862	4,977	
1988	401	4,774	4,689	
1989	487	5,226	5,350	
1990	381	5,565	5,654	
1991 ³	292	5,401	5,578	

¹ Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948. ² Receipts include refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.

³ Preliminary.

National Agricultural Statistics Service and Agricultural Stabilization and Conservation Service.

Table 117.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1977-91

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments ¹	Domestic disappearance		
			Foreign sources	Puerto Rico		Livestock feed and alcohol ²	Military and civilian use ³	Per capita consumption (refined) ³
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1977	6,089	3,498	6,138	102	35	0	11,099	94.2
1978	5,602	4,491	4,683	52	48	4	10,889	91.4
1979	5,793	3,754	5,027	47	73	0	10,756	89.3
1980	5,737	3,701	4,495	178	689	0	10,181	83.6
1981	6,224	3,082	5,025	48	1,191	0	9,770	79.4
1982	5,934	3,461	2,964	80	137	0	9,153	73.6
1983	5,680	3,068	3,080	67	300	0	8,812	70.3
1984	5,890	2,570	3,444	24	447	8	8,428	66.7
1985	5,967	3,005	2,797	36	481	15	8,003	62.7
1986	6,267	3,126	2,223	31	582	30	7,731	60.1
1987	7,309	3,225	1,546	12	604	27	8,103	62.4
1988	7,087	3,195	1,388	19	458	9	8,136	62.1
1989	6,840	3,132	1,882	12	614	6	8,304	62.8
1990	6,335	2,946	2,765	0	654	10	8,615	64.4
1991 ⁴	7,147	2,729	2,580	0	720	10	8,613	63.7

¹ Includes sugar shipped to Puerto Rico and sugar used in manufacture of exported commodities. ² Includes use for polyhydric alcohol, beginning 1966. ³ Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. ⁴ Preliminary.

Economic Research Service.

Table 118.—Sugar, centrifugal (raw value): International trade in marketing years 1987/88–1989/90

Continent and country	1987/88		1988/89		1989/90 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North and Central America:						
Belize.....	76	0	85	0	100	0
Canada.....	76	928	53	711	33	824
Costa Rica.....	60	0	49	0	68	0
El Salvador.....	40	0	22	0	52	0
Guatemala.....	443	0	406	0	502	0
Honduras.....	40	5	21	5	30	5
Mexico.....	967	0	410	600	17	1,100
Nicaragua.....	39	12	80	15	113	10
Panama.....	30	0	45	0	70	14
United States.....	354	1,140	463	1,753	584	2,303
Caribbean:						
Barbados.....	75	0	51	0	57	0
Cuba.....	6,600	0	7,420	0	7,065	0
Dominican Republic.....	519	0	581	0	393	20
Haiti.....	8	33	8	35	4	39
Jamaica.....	150	43	132	73	149	45
St. Kitts and Nevis.....	32	0	30	0	21	0
Trinidad and Tobago.....	55	30	59	18	64	4
Other Caribbean.....	86	80	72	83	152	33
Total North and Central America.....	9,650	2,271	9,956	3,288	9,474	4,446
South America:						
Argentina.....	72	0	277	0	129	0
Brazil.....	2,131	0	1,371	0	1,500	289
Chile.....	0	29	0	46	0	31
Colombia.....	243	0	320	0	426	0
Ecuador.....	8	45	12	74	9	52
Guyana.....	147	4	173	32	130	32
Peru.....	39	222	54	126	79	130
Venezuela.....	0	205	0	288	0	180
Other South America.....	52	67	54	37	99	47
Total South America.....	2,692	572	2,261	603	2,372	761
Europe:						
Total EC.....	5,900	2,988	5,882	3,277	6,415	3,138
Austria.....	58	0	22	0	64	0
Cyprus.....	0	20	0	20	0	21
Finland.....	13	115	7	95	32	83
Iceland.....	0	12	0	12	0	12
Malta and Gozo.....	0	16	0	17	0	17
Norway.....	0	171	0	167	0	172
Sweden.....	44	32	47	42	64	71
Switzerland.....	0	136	0	141	0	141
Turkey.....	65	35	1	0	1	470
Other Western Europe.....	0	1	0	1	0	0
Total Western Europe.....	6,080	3,586	7,223	4,402	161	987
Albania.....	0	28	0	30	0	41
Bulgaria.....	35	405	40	409	35	435
Czechoslovakia.....	150	140	140	140	65	90
Hungary.....	0	18	70	70	60	0
Poland.....	100	60	147	228	221	25
Romania.....	0	303	125	100	172	294
Yugoslavia.....	60	13	30	250	80	16
Total Eastern Europe.....	331	968	504	1,242	633	901
Soviet Union.....	200	4,200	200	5,395	0	0

See footnotes at end of table.

Table 118.—Sugar, centrifugal (raw value): International trade in marketing years 1987/88–1989/90—Continued

Continent and country	1987/88		1988/89		1989/90 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa:						
Algeria	0	780	0	820	0	840
Angola	0	52	0	55	0	55
Cote d'Ivoire	27	14	20	10	0	0
Egypt	0	635	0	733	0	595
Ethiopia	35	0	25	0	25	0
Ghana	0	70	0	70	0	72
Kenya	10	39	20	59	0	80
Madagascar	16	0	64	0	25	0
Malawi	119	0	88	0	47	0
Mauritius	689	0	690	0	589	0
Mozambique	10	41	20	55	50	80
Nigeria	10	505	0	400	20	396
Senegal	0	55	0	58	0	60
Sierra Leone	0	15	0	15	0	13
South Africa	925	0	870	0	927	0
Sudan	0	110	0	54	0	30
Swaziland	394	0	428	0	449	0
Tunisia	0	180	0	185	0	190
Tanzania, United Republic	10	20	10	29	10	38
Zaire	0	45	0	50	0	60
Other Africa	459	942	504	936	372	936
Total Africa	2,704	3,503	2,739	3,529	2,514	3,345
Asia:						
Afghanistan	0	80	0	90	0	90
Bangladesh	0	121	0	150	0	145
China (Mainland)	309	3,700	275	2,462	624	1,145
Hong Kong	15	170	20	175	70	230
India	30	80	30	0	32	53
Indonesia	0	148	0	282	0	369
Iran	0	680	0	650	0	774
Iraq	0	635	0	653	0	630
Israel	0	230	0	250	0	260
Japan	2	1,848	2	1,909	2	1,791
Jordan	0	128	0	117	0	113
Korea, Republic of	320	1,105	305	1,109	372	1,110
Kuwait	0	75	0	75	0	58
Lebanon	0	80	0	90	0	85
Malaysia	121	741	226	797	225	841
Philippines	134	105	210	18	271	0
Saudi Arabia	0	400	0	410	0	400
Singapore	7	190	5	195	30	210
Sri Lanka	0	320	0	340	0	350
Syria	0	390	0	405	0	399
Taiwan	14	5	12	0	18	1
Thailand	1,892	0	3,004	0	2,666	0
Vietnam	0	75	6	75	0	50
Yemen (Aden)	0	50	0	60	0	0
Yemen (Sanaa)	0	210	0	220	0	0
Other Asia	0	717	51	617	0	933
Total Asia	2,844	12,283	4,146	11,149	4,308	10,037
Oceania:						
Australia	2,797	0	2,860	0	2,920	0
Fiji	358	0	333	0	436	0
New Zealand	23	153	3	149	7	198
Other Oceania	7	38	7	33	15	8
Total Oceania	3,185	191	3,203	182	3,378	206
World total	27,686	27,574	30,119	29,695	29,255	23,821

¹ Preliminary. ² World total may include countries not specified separately.

Foreign Agricultural Service. Data from Foreign Agricultural Service.

Table 119.—Sugar (raw and refined): Average price per pound at specified markets, 1977-91

Year	Wholesale price			Retail price, granulated: United States ⁴	Year	Wholesale price			Retail price, granulated: United States ⁴
	Cane sugar		Refined beet: mid-west ³			Cane sugar		Refined beet: mid-west ³	
	Raw, 96° centrifugal					Raw, 96° centrifugal			
	Caribbean ports, f.o.b. and stowed ¹	New York, c.i.f. duty paid ²				Caribbean ports, f.o.b. and stowed ¹	New York, c.i.f. duty paid ²		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1977	8.11	11.0	15.1	21.6	1985	4.04	20.3	23.2	35.3
1978	7.82	13.9	18.9	23.7	1986	6.05	21.0	23.4	35.1
1979	9.66	15.6	19.7	24.9	1987	6.71	21.8	23.6	35.3
1980	29.02	30.1	38.3	42.7	1988	10.17	22.1	25.4	36.6
1981	16.93	19.7	28.3	40.0	1989	12.79	22.8	29.1	40.0
1982	8.42	19.9	27.6	34.3	1990	12.55	23.3	30.0	42.8
1983	8.49	22.0	26.1	36.2	1991	9.04	21.6	25.7	42.8
1984	5.18	21.7	25.7	36.3					

¹ For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot for sugar to a Caribbean basis in U.S. dollars. ² For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot to a Caribbean basis in U.S. dollars, and adding freight, insurance, and applicable U.S. duties and fees. For June-Dec. 1985, prices for No. 12 nearby futures. Starting Jan. 1986 prices are for No. 14 nearby futures. ³ F.o.b.-basis list prices in 100 pound bags, not delivered prices—beginning calendar 1982 in bulk. To obtain delivered prices, add "freight pre-pays", and deduct discounts and allowances. ⁴ Calendar 1978 and 1979 only, derived by using the Bureau of Labor Statistics consumer price index (all-urban, unadjusted) for Sugar and Artificial Sweeteners.

Economic Research Service. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; John Crowe and Company; and U.S. Department of Labor, Bureau of Labor Statistics.

Table 120.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1989-91 ¹

Country of origin	1989	1990	1991	Country of origin	1989	1990	1991
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North and South America, including Caribbean area:				Africa:			
Argentina	106	30	82	Malawi	10	21	17
Barbados	0	(²)	0	Mauritius	19	31	28
Brazil	55	319	155	Mozambique	14	20	26
Colombia	279	283	75	Swaziland	43	62	41
Costa Rica	30	39	36	Zimbabwe	22	26	16
Dominican Republic	322	227	127	Other Africa	16	46	16
Ecuador	12	(²)	13	Total	124	206	144
El Salvador	19	16	58	Asia and Oceania:			
Guatemala	53	184	297	Australia	99	43	142
Guyana	5	(²)	0	Philippines	207	246	217
Mexico	140	(²)	8	Other Pacific Is.			
Nicaragua	0	14	108	NEC	9	30	11
Peru	32	35	44	Taiwan	12	35	12
Other America	88	125	102	Other Asia and Oceania	29	44	45
Total	1,141	1,272	1,105	Total	356	398	427
				World total ³	1,621	1,876	1,676

¹ Includes raw sugar imports and refined sugar imports converted to raw basis. ² Less than 500 tons. ³ World total may include countries not specified separately.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 121.—Sugar, centrifugal (raw value): Beginning stocks in marketing years 1989/90–1992/93

Country	1989/ 90	1990/ 91	1991/ 92	1992/ 93	Country	1989/ 90	1990/ 91	1991/ 92	1992/ 93
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:					Eastern Europe:				
Canada.....	100	150	255	212	Albania.....	21	19	11	6
Mexico.....	605	750	1,010	530	Bulgaria.....	82	77	82	92
United States.....	1,110	1,098	1,448	1,323	Czechoslovakia.....	64	79	79	124
Total.....	1,815	1,998	2,713	2,065	Hungary.....	38	78	88	93
Caribbean:					Poland.....	36	186	165	98
Barbados.....	4	4	4	4	Romania.....	10	40	10	25
Cuba.....	340	475	698	820	Yugoslavia.....	187	203	187	100
Dominican Republic.....	181	174	174	163	Total.....	438	682	622	538
Haiti.....	8	13	14	19	USSR.....	2,373	2,430	2,540	115
Jamaica.....	19	14	15	28	North Africa:				
Trinidad/Tobago.....	3	4	5	2	Algeria.....	109	109	109	115
Other.....	90	50	47	26	Egypt.....	50	150	150	180
Total.....	645	734	957	1,062	Libya.....	25	45	55	55
Central America:					Morocco.....	136	131	120	152
Belize.....	13	7	7	6	Sudan.....	73	73	53	78
Costa Rica.....	64	72	70	68	Tunisia.....	56	71	71	80
El Salvador.....	22	17	50	88	Total.....	449	579	558	660
Guatemala.....	28	38	132	74	Africa:				
Honduras.....	15	16	12	24	Cote d'Ivoire.....	49	53	63	0
Nicaragua.....	30	19	34	28	Kenya.....	123	155	111	9
Panama.....	23	7	8	15	Madagascar.....	25	45	40	37
Total.....	195	176	313	303	Malawi.....	10	23	37	49
South America:					Mauritius.....	64	36	34	50
Argentina.....	267	257	217	295	Nigeria.....	60	70	70	70
Bolivia.....	81	12	32	62	South Africa.....	216	265	210	350
Brazil.....	1,382	1,164	1,045	1,340	Swaziland.....	29	46	53	27
Chile.....	103	90	90	130	Tanzania.....	2	2	9	12
Colombia.....	15	27	62	69	Zaire.....	15	10	10	15
Ecuador.....	19	20	27	20	Zimbabwe.....	20	56	37	0
Guyana.....	4	4	10	4	Other.....	224	211	172	263
Paraguay.....	32	44	35	34	Total.....	837	972	846	862
Peru.....	63	30	67	81	Middle East:				
Surinam.....	3	2	2	3	Iran.....	246	220	275	300
Uruguay.....	19	14	16	13	Iraq.....	136	111	0	0
Venezuela.....	192	158	150	112	Israel.....	82	72	72	77
Total.....	2,180	1,822	1,753	2,163	Saudi Arabia.....	60	40	40	80
EC:					Turkey.....	225	345	515	550
Belgium/ Luxembourg.....	131	120	110	100	Other.....	208	187	173	182
Denmark.....	47	53	60	69	Total.....	957	975	1,075	1,189
France.....	641	425	771	489	Asia:				
Germany.....	450	355	467	468	Bangladesh.....	52	83	140	100
Greece.....	35	178	98	101	China (Mainland).....	2,875	1,364	1,387	1,486
Ireland.....	96	93	104	90	India.....	1,800	2,541	3,391	4,589
Italy.....	332	458	284	412	Indonesia.....	358	447	447	461
Netherlands.....	114	58	141	141	Japan.....	242	182	180	124
Portugal.....	42	48	46	150	Korea, Republic of.....	221	159	129	154
Spain.....	334	232	186	139	Malaysia.....	166	177	163	172
United Kingdom.....	343	300	388	275	Pakistan.....	209	298	323	303
Total.....	2,565	2,320	2,655	2,434	Philippines.....	275	308	358	312
Western Europe:					Sri Lanka.....	58	59	49	50
Austria.....	37	38	39	42	Taiwan.....	281	239	245	199
Finland.....	66	73	65	46	Thailand.....	316	232	452	237
Norway.....	24	31	36	36	Other.....	195	195	190	185
Sweden.....	89	137	196	76	Total.....	6,648	6,284	7,459	8,372
Switzerland.....	200	197	161	149	Oceania:				
Other.....	10	10	16	5	Australia.....	256	260	250	265
Total.....	426	486	513	354	Fiji.....	37	25	17	28
					New Zealand.....	11	39	30	38
					Other.....	8	8	8	20
					Total.....	312	332	305	351
					World total.....	19,840	19,790	22,309	20,353

Table 122.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1989-91¹

Country of destination	1989	1990	1991	Country of destination	1989	1990	1991
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America, including Caribbean areas:				Europe:			
Bahamas.....	13,000	7,297	6,411	Germany.....	841	6	733
Canada.....	53,448	64,853	65,592	Netherlands.....	144	41	96
Haiti.....	10,276	38,599	29,845	United Kingdom.....	105	71	66
Jamaica.....	53,647	34,966	42,176	Other.....	60	16	272
Leeward and Windward Islands.....	1,079	961	1,009	Total.....	1,150	135	1,167
Mexico.....	158,705	250,846	218,667	Africa:			
Netherlands Antilles.....	5,526	5,723	5,418	Ghana.....	110	62	75
Trinidad and Tobago.....	39	0	0	Other.....	0	31	1
Other.....	1,388	10,503	5,022	Total.....	110	93	76
Total.....	297,106	413,750	374,140	Asia and Oceania:			
South America:				Iraq.....	101,296	44,432	0
Chile.....	0	14,980	19,908	Jordan.....	18,853	0	15,000
Guyana.....	0	3,531	0	Marshall Island.....	275	134	24
Peru.....	20,768	15,371	70,981	Saudi Arabia.....	34	97	199
Other.....	0	77	7,464	Other.....	536	159	58,484
Total.....	20,768	33,959	98,353	Total.....	120,995	44,823	73,707
				World total.....	440,129	492,759	547,441

¹ Includes raw sugar exports and refined sugar exports converted to raw basis.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 123.—Honey: United States imports for consumption, by country of origin, 1989-91

Continent and country of origin	1989	1990	1991	Continent and country of origin	1989	1990	1991
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	12,422	3,454	6,425	Germany, Fed. Rep. of.....	381	155	113
Dominican Republic.....	185	179	104	Greece.....	9	6	4
El Salvador.....	60	102	151	Hungary.....	1,237	1,127	1,183
Guatemala.....	177	232	113	USSR.....	820	285	64
Honduras.....	0	0	0	United Kingdom.....	35	39	52
Mexico.....	2,969	7,340	3,559	Other countries.....	217	188	68
Other countries.....	0	23	7	Total.....	2,699	1,800	1,484
Total.....	15,813	11,330	10,359	Asia, Africa, and Oceania:			
South America:				Australia.....	93	1,126	59
Argentina.....	4,746	8,817	9,269	China.....	11,290	11,545	20,334
Brazil.....	192	84	0	Hong Kong.....	142	125	24
Chile.....	0	0	38	Japan.....	32	50	240
Colombia.....	0	0	0	New Zealand.....	2	23	13
Uruguay.....	0	40	20	Taiwan.....	6	1	2
Total.....	4,938	8,941	9,327	Other countries.....	36	4	7
				Total.....	11,601	12,874	20,679
				Grand total.....	35,050	34,944	41,849

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 124.—Beeswax, crude: United States imports for consumption, by country of origin, 1989-91

Continent and country of origin	1989	1990	1991 ¹	Continent and country of origin	1989	1990	1991 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	201	195	162	France.....	2	0	5
Dominican Republic.....	47	71	71	Germany, Fed. Rep.....	115	478	366
Mexico.....	5	3	13	Norway.....	22	1	0
Other countries.....	0	0	0	Other countries.....	2	19	1
South America:				Asia and Oceania:			
Brazil.....	471	492	105	Australia.....	0	22	23
Chile.....	51	27	39	China.....	34	62	11
Other countries.....	10	0	0	Other countries.....	2	1	1
Africa:				Total.....	997	1,394	820
Ethiopia.....	16	12	12				
Tanzania.....	19	10	10				
Other countries.....	0	0	1				

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 125.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1977-91

Year	Production in mainland areas						Inshipments from Hawaii
	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	608,786	889,665	269,798	27,599	211,395	2,007,243	224,409
1978.....	568,317	746,704	237,263	22,630	221,981	1,796,895	274,702
1979.....	571,826	723,397	207,929	18,440	214,686	1,736,278	306,374
1980.....	584,015	603,333	184,531	33,663	211,534	1,617,076	257,732
1981.....	689,621	1,093,561	254,295	32,662	103,653	2,173,792	293,620
1982.....	676,053	909,425	203,360	21,358	55,378	1,865,574	261,510
1983.....	655,024	866,723	168,001	24,542	48,456	1,762,746	289,440
1984.....	633,649	907,535	184,237	33,371		1,758,792	266,409
1985.....	697,007	879,019	136,184			1,712,210	235,987
1986.....	731,056	1,025,427	127,386			1,883,869	273,683
1987.....	726,854	1,137,014	110,784			1,974,652	152,087
1988.....	775,936	1,006,353	1,006,353			1,883,546	178,476
1989.....	760,887	965,813	122,786			1,849,486	169,270
1990.....							
1991.....							

Year	United States imports from foreign countries					Mainland exports ¹	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	164,734	56,800	473,147	1,156,480	1,851,161	121,896	3,960,917
1978.....	49,095	68,663	519,734	805,586	1,443,078	108,040	3,406,635
1979.....	51,182	87,125	344,840	750,687	1,233,834	102,700	3,173,786
1980.....	27,764	126,683	180,335	412,497	747,279	125,964	2,496,123
1981.....	103,009	141,118	34,755	764,318	1,043,200	94,675	3,415,937
1982.....		170,554	105,170	809,131	1,084,855	251,318	2,960,621
1983.....	21,848	183,126	124,563	1,142,778	1,472,315	259,029	3,265,472
1984.....	54,489	154,686	94,068	1,066,521	1,369,764	140,449	3,254,516
1985.....	203,080	99,113	161,142	1,180,200	1,643,535	196,134	3,395,601
1986.....	309,340	136,687	97,436	700,088	1,235,055	329,936	3,058,167
1987.....	95,004	123,619	183,525	560,003	962,151	366,957	2,721,954
1988.....	142,897	102,792	93,605	647,576	986,870	299,217	2,749,692
1989.....	107,109	147,235	75,634	596,892	926,870	293,535	2,652,091
1990.....							
1991.....							

¹ Does not include exports from Hawaii and Puerto Rico.

Agricultural Marketing Service.

Table 126.—Edible syrups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1977-91

Year	Production ¹						Imports			
	Syrups				Honey	Total	Maple syrup	Edible molasses and cane syrup ³	Honey	Total
	Corn	Maple ²	Refiners	Edible molasses						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1977.....	695,196	1,221	2,197	2,538	15,076	716,228	867	1,773	5,396	8,036
1978.....	751,809	1,154	2,571	2,750	19,466	777,750	811	2,077	4,727	7,615
1979.....	845,741	1,219	2,524	2,900	20,160	872,544	857	2,944	4,948	8,749
1980.....	941,056	973	1,983	1,900	16,871	962,783	855	3,422	4,143	8,420
1981.....	1,073,933	1,410	1,446	2,100	15,703	1,094,592	1,046	2,040	6,530	9,616
1982.....	1,212,759	1,292	1,003	1,550	18,666	1,235,270	1,154	2,566	7,767	11,487
1983.....	1,334,557	1,150	1,000	1,850	17,314	1,355,871	1,287	2,336	9,277	12,900
1984.....	1,501,377	1,366	950	2,070	13,936	1,519,699	1,248	3,495	10,869	15,612
1985.....	1,721,980	1,325	1,100	1,650	12,669	1,738,724	1,323	4,164	11,676	17,163
1986.....	1,726,348	937	1,000	1,700	16,925	1,746,910	1,672	8,095	10,000	19,767
1987.....	1,780,607	791	750	1,630	19,154	1,802,932	1,476	6,905	4,921	13,302
1988.....	1,824,168	1,168	500	1,925	18,083	1,845,844	1,293	7,295	4,724	13,312
1989.....	1,846,605	1,214	250	1,990	14,299	1,864,358	1,623	4,762	6,526	12,911
1990.....	1,949,186	1,073	0	1,405	16,554	1,968,218	1,910	10,505	6,883	19,298
1991 ⁴	2,004,189	1,299	0	1,825	18,420	2,025,733	1,965	12,691	8,243	22,899

Year	Exports			Indicated domestic consumption				
	Corn syrup	Honey	Total	Syrups			Honey	Total
				Corn	Maple	Cane and refiners syrup and edible molasses		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1977.....	1,543	466	2,009	693,653	2,088	6,508	20,006	722,255
1978.....	1,694	679	2,373	750,115	1,965	7,398	23,514	782,992
1979.....	1,207	747	1,954	844,534	2,076	8,368	24,361	879,339
1980.....	3,498	722	4,220	937,558	1,828	7,620	20,292	967,298
1981.....	2,916	777	3,693	1,071,017	2,456	5,586	21,456	1,100,515
1982.....	791	721	1,512	1,211,968	2,446	5,119	25,712	1,245,245
1983.....	1,223	630	1,853	1,333,334	2,437	5,186	25,961	1,366,918
1984.....	656	627	1,283	1,500,721	2,614	6,515	24,178	1,534,028
1985.....	534	549	1,083	1,721,446	2,648	6,914	23,796	1,754,804
1986.....	638	778	1,416	1,725,710	2,609	9,795	26,147	1,765,261
1987.....	938	1,045	1,983	1,779,669	2,267	9,285	23,080	1,814,251
1988.....	1,720	1,258	2,978	1,822,448	2,461	9,720	21,549	1,856,175
1989.....	3,258	840	4,098	1,843,347	2,837	7,002	19,985	1,873,171
1990.....	8,767	1,050	9,817	1,940,419	2,983	11,910	22,387	1,977,699
1991 ⁴	8,511	813	9,324	1,995,678	3,264	14,516	25,850	2,039,308

¹ Corn syrup production includes high-fructose corn syrup. Production of edible molasses is from the fall of the preceding year. ² Includes maple syrup produced on nonfarm lands in Somerset County, Maine, beginning 1988.

³ U.S. Department of Commerce molasses and sugar syrups series. ⁴ Preliminary.

Economic Research Service.

Table 127.—Tobacco: Area, yield, production, and value, United States, 1977-91

Year	Area harvested	Yield per acre	Production ¹	Marketing year average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	965,800	1,982	1,914,129	1.186	2,270,360
1978	963,730	2,101	2,024,820	1.324	2,679,967
1979	827,700	1,844	1,526,516	1.411	2,153,911
1980	921,020	1,939	1,786,225	1.523	2,720,406
1981	976,580	2,113	2,069,589	1.706	3,520,373
1982	912,730	2,185	1,994,494	1.764	3,518,937
1983	789,155	1,811	1,428,969	1.746	2,495,676
1984	791,700	2,183	1,727,962	1.806	3,120,850
1985	688,020	2,197	1,511,638	1.645	2,486,520
1986	581,550	2,001	1,163,940	1.524	1,770,258
1987	586,290	2,028	1,188,868	1.573	1,869,569
1988	634,030	2,160	1,369,500	1.646	2,254,206
1989	678,200	2,016	1,367,188	1.708	2,335,052
1990	733,310	2,218	1,626,380	1.742	2,832,471
1991 ²	761,080	2,181	1,660,034	1.788	2,968,312

¹ Production figures are on farm-sales-weight basis. ² Preliminary.
National Agricultural Statistics Service.

Table 128.—Tobacco: Area, yield, and production, by States, 1989-91

State	Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
CT	1,730	1,820	1,750	1,641	1,652	1,618	2,793	3,007	2,831
FL	6,700	6,900	6,700	2,650	2,760	2,290	17,755	19,044	15,343
GA	40,000	43,000	40,000	2,180	2,415	2,020	87,200	103,845	80,800
IN	6,100	7,000	7,200	2,170	2,150	2,100	13,237	15,050	15,120
KY	178,050	194,150	223,150	2,059	2,278	2,149	366,551	442,253	479,575
MD	7,300	7,100	7,400	1,110	1,360	1,450	8,103	9,656	10,730
MA	480	470	480	1,554	1,713	1,615	746	805	775
MO	2,500	2,600	3,000	2,180	2,280	2,290	5,450	5,928	6,870
NC	266,700	284,200	274,900	2,029	2,251	2,308	541,056	639,639	634,455
OH	9,100	9,700	10,500	1,750	1,950	2,190	15,925	18,915	22,995
PA	9,500	10,000	10,500	1,887	1,978	1,978	17,925	19,780	20,765
SC	48,000	51,000	51,000	2,160	2,155	2,180	103,680	109,905	111,180
TN	45,500	53,590	61,700	1,754	2,094	1,980	79,820	112,218	122,170
VA	49,590	53,180	53,600	1,892	2,074	2,202	93,814	110,269	118,045
WV	1,450	1,700	1,800	1,300	1,600	1,700	1,885	2,720	3,060
WI	5,500	6,900	7,400	2,045	1,934	2,070	11,248	13,346	15,320
US	678,200	733,310	761,080	2,016	2,218	2,181	1,367,188	1,626,380	1,660,034

¹ Preliminary.
National Agricultural Statistics Service.

Table 129.—Tobacco: Area, yield, and production in specified countries, 1989-91

Continent and country	Area harvested			Yield per hectare			Production ²		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:									
Mexico.....	33,029	22,118	18,666	1.81	1.57	2.05	59,890	34,653	38,250
Canada.....	31,140	29,346	30,325	2.43	2.15	2.46	75,573	63,057	74,690
United States.....	274,575	296,887	309,214	2.26	2.48	2.44	620,152	737,722	754,534
Total.....	338,744	348,351	358,205	2.23	2.40	2.42	755,615	835,432	867,474
South America:									
Uruguay.....	800	800	800	1.75	1.75	1.75	1,400	1,400	1,400
Argentina.....	55,248	50,155	64,610	1.46	1.35	1.46	80,544	67,588	94,443
Colombia.....	19,007	20,557	19,679	1.54	1.56	1.55	29,348	32,060	30,527
Bolivia.....	1,250	1,250	1,250	1.00	1.00	1.00	1,250	1,250	1,250
Ecuador.....	1,800	1,800	1,800	2.14	2.14	2.14	3,850	3,850	3,850
Brazil.....	294,000	282,000	288,000	1.57	1.54	1.47	462,000	435,000	422,000
Paraguay.....	2,740	2,865	3,615	1.29	2.12	2.15	3,545	6,071	7,755
Peru.....	2,500	2,500	2,500	1.24	1.24	1.24	3,100	3,100	3,100
Chile.....	3,423	3,909	4,349	3.24	3.27	3.24	11,105	12,785	14,076
Venezuela.....	7,917	8,012	9,071	1.70	1.70	1.33	13,490	13,597	12,048
Total.....	388,685	373,848	395,674	1.57	1.54	1.49	609,632	576,701	590,449
Central America:									
Panama.....	720	720	720	1.81	1.81	1.81	1,302	1,302	1,302
Guatemala.....	6,440	6,244	5,914	1.84	1.69	1.72	11,866	10,568	10,161
Honduras.....	2,531	2,640	2,856	1.68	1.74	1.61	4,246	4,605	4,590
Nicaragua.....	2,240	2,240	2,240	2.03	2.03	2.03	4,550	4,550	4,550
El Salvador.....	544	543	561	1.78	1.79	1.85	970	970	1,038
Costa Rica.....	851	854	760	1.84	2.02	1.72	1,567	1,728	1,305
Total.....	13,326	13,241	13,051	1.84	1.79	1.76	24,501	23,723	22,946
Caribbean:									
Dominican Rep.....	27,011	14,830	18,450	1.04	1.02	1.37	28,069	15,085	25,312
Cuba.....	50,000	50,000	50,000	0.83	0.88	0.88	41,606	44,000	44,000
Jamaica & Dep.....	1,175	1,175	1,175	1.99	1.99	1.99	2,339	2,339	2,339
Total.....	78,186	66,005	69,625	0.92	0.93	1.03	72,014	61,424	71,651
North Africa:									
Algeria.....	2,800	2,900	2,900	1.52	1.51	1.72	4,268	4,390	5,000
Libya.....	900	900	900	1.61	1.61	1.61	1,450	1,450	1,450
Morocco.....	5,483	5,788	4,927	1.19	1.24	1.22	6,551	7,171	5,995
Tunisia.....	4,950	5,500	6,000	1.13	1.13	1.05	5,610	6,215	6,300
Total.....	14,133	15,088	14,727	1.26	1.27	1.27	17,879	19,226	18,745
Other Africa:									
Swaziland.....	200	200	200	1.00	1.00	1.00	200	200	200
Kenya.....	10,335	8,805	8,805	1.11	1.13	1.13	11,510	9,910	9,910
Tanzania.....	21,250	21,250	21,250	0.71	0.66	0.66	15,055	14,055	14,055
Madagascar.....	5,900	5,900	5,900	0.93	0.93	0.93	5,500	5,500	5,500
Congo.....	4,000	4,000	4,000	0.45	0.45	0.45	1,800	1,800	1,800
Ethiopia.....	3,000	3,000	3,000	1.15	1.17	1.17	3,450	3,500	3,500
C. African Rep.....	750	750	750	0.87	0.87	0.87	650	650	650
Zambia.....	3,500	3,500	3,500	1.23	1.23	1.23	4,300	4,300	4,300
Nigeria.....	7,700	7,300	7,300	1.20	1.26	1.26	9,223	9,223	9,223
Ivory Coast.....	1,000	1,000	1,000	0.93	0.93	0.93	930	930	930
Angola.....	10,000	10,000	10,000	0.25	0.25	0.25	2,490	2,490	2,490
South Africa.....	3,950	3,950	3,950	0.99	0.99	0.99	3,900	3,900	3,900
Zaire.....	24,539	25,454	23,427	1.59	1.08	1.31	38,949	27,485	30,600
Cameroon.....	3,700	3,700	3,700	1.11	1.11	1.11	4,110	4,110	4,110
Ghana.....	3,400	3,400	3,400	1.62	1.62	1.62	5,500	5,500	5,500
Togo.....	3,950	3,950	3,950	0.36	0.47	0.53	1,433	1,839	2,080
Malawi.....	4,000	4,000	4,000	0.50	0.50	0.50	2,000	2,000	2,000
Uganda.....	89,640	100,110	117,100	0.97	1.02	1.07	86,615	101,652	125,390
Burundi.....	3,500	4,300	4,300	1.10	0.93	0.93	3,840	4,000	4,000
Reunion.....	2,000	2,000	2,000	0.80	0.80	0.80	1,600	1,600	1,600
Zimbabwe.....	200	200	200	1.00	1.00	1.00	200	200	200
Mozambique.....	60,544	62,924	71,647	2.23	2.22	2.49	135,205	189,803	178,107
Total.....	2,700	2,700	2,700	1.07	1.07	1.07	2,900	2,900	2,900
Total.....	269,758	282,393	306,079	1.26	1.23	1.35	341,360	347,547	412,945
Other Asia:									
Philippines.....	50,150	49,830	52,831	1.46	1.41	1.57	73,305	70,130	82,872
India.....	377,000	421,100	392,192	1.31	1.34	1.20	492,800	564,400	472,000
Laos.....	4,000	4,000	4,000	0.75	0.75	0.75	3,000	3,000	3,000
Vietnam.....	32,000	32,000	32,000	0.88	0.88	0.88	28,000	28,000	28,000
Malaysia.....	12,481	10,488	15,400	1.11	1.05	0.71	13,877	10,997	11,000
Indonesia.....	227,529	241,170	240,568	0.65	0.66	0.71	146,914	158,865	170,850

See footnotes at end of table.

Table 129.—Tobacco: Area, yield, and production in specified countries, 1989-91—Continued

Continent and country	Area harvested			Yield per hectare			Production ²		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
Other Asia—Continued	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Hec- tares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Sri Lanka.....	12,165	12,165	12,165	0.74	0.74	0.74	9,000	9,000	9,000
Bangladesh.....	40,500	40,500	40,500	0.99	0.99	0.99	40,000	40,000	40,000
Pakistan.....	43,216	40,911	48,395	1.64	1.66	1.67	71,086	68,040	80,806
Japan.....	30,661	29,964	28,924	2.43	2.69	2.42	74,397	80,542	69,897
Korea, South.....	30,985	31,339	30,671	2.53	2.11	2.27	78,422	66,213	69,696
China.....	1,798,000	1,592,600	1,660,000	1.57	1.65	1.77	2,830,000	2,627,500	2,940,000
Korea, North.....	37,000	37,000	37,000	1.24	1.24	1.24	46,000	46,000	46,000
Thailand.....	56,716	63,095	62,220	1.14	1.20	1.22	64,780	75,630	75,928
Cambodia.....	9,000	9,000	9,000	0.56	0.56	0.56	5,000	5,000	5,000
Taiwan.....	8,019	7,941	7,895	2.37	2.41	2.71	18,986	19,129	21,401
Burma.....	55,000	55,000	55,000	0.82	0.82	0.82	45,000	45,000	45,000
Total.....	2,824,422	2,678,103	2,728,761	1.43	1.46	1.53	4,040,567	3,917,446	4,170,450
Middle East:									
Turkey.....	284,542	319,937	276,974	0.95	0.92	0.82	269,517	295,599	227,257
Lebanon.....	3,750	3,750	3,750	1.33	1.33	1.33	5,000	5,000	5,000
Jordan.....	2,931	2,953	2,953	0.96	0.95	0.95	2,827	2,800	2,800
Syria.....	10,145	12,757	14,441	1.07	1.02	1.11	10,859	13,007	15,995
Iraq.....	2,000	2,000	2,000	1.09	1.09	1.09	2,180	2,180	2,180
U. Arab Emirates.....	350	350	350	5.71	5.71	5.71	2,000	2,000	2,000
Oman.....	1,800	1,800	1,800	1.11	1.11	1.11	2,000	2,000	2,000
Yemen (Sanaa).....	3,300	3,300	3,300	1.73	1.73	1.73	5,720	5,720	5,720
Iran.....	18,000	18,000	18,000	1.39	1.39	1.39	25,000	25,000	25,000
Total.....	326,818	364,847	323,568	0.99	0.97	0.89	325,103	353,306	287,952
European Community:									
France.....	11,413	10,704	10,537	2.56	2.64	2.80	29,216	28,284	29,499
Germany.....	6,955	5,880	5,001	1.79	1.90	2.10	12,464	11,147	10,500
Italy.....	95,165	87,719	81,500	2.07	2.45	2.45	197,316	214,846	200,000
Greece.....	81,471	76,459	82,984	1.42	1.76	2.05	115,750	134,368	170,150
Belgium-Lux.....	438	461	468	4.11	3.37	0.96	1,800	1,553	450
Portugal.....	2,076	2,257	2,450	2.64	2.47	2.47	5,472	5,573	6,048
Spain.....	27,330	23,450	24,420	1.66	1.86	1.89	45,415	43,500	46,173
Total.....	224,848	206,930	207,360	1.81	2.12	2.23	407,433	439,271	462,820
Other Europe:									
Albania.....	24,000	24,000	24,000	0.63	0.63	0.63	15,000	15,000	15,000
Yugoslavia.....	49,000	45,000	45,000	1.29	1.04	1.38	63,270	46,620	62,160
Romania.....	34,400	16,845	9,860	0.80	0.84	1.41	27,500	14,200	13,900
Bulgaria.....	72,661	52,891	59,951	1.04	1.26	1.23	75,537	66,858	73,897
Hungary.....	9,082	8,690	9,760	1.42	1.65	1.91	12,869	14,346	18,610
Poland.....	29,430	25,754	28,720	1.90	1.94	1.91	56,060	50,000	54,780
Czechoslovakia.....	3,750	3,750	3,193	1.47	1.33	1.70	5,500	5,000	5,415
Total.....	222,323	176,930	180,484	1.15	1.20	1.30	255,736	212,024	243,762
FSU-12 ³	113,400	103,820	105,120	2.11	2.41	2.44	239,000	250,000	257,000
Oceania:									
New Zealand.....	600	600	600	2.58	2.58	2.58	1,550	1,550	1,550
Australia.....	4,771	4,727	4,932	2.79	2.82	2.72	13,296	13,327	13,420
Total.....	5,371	5,327	5,532	2.76	2.79	2.71	14,846	14,877	14,970
Other ⁴	6,027	5,803	5,545	1.04	1.02	1.05	6,421	5,920	5,802
World Total.....	4,826,041	4,640,686	4,713,731	1.47	1.52	1.58	7,110,107	7,056,897	7,426,966

¹ Preliminary. ² Production data in metric tons, on farm-sales-weight basis, which is about 10 percent above dry-weight data normally reported in trade statistics. ³ FSU-12 includes the 12 newly independent states of the former USSR. ⁴ Includes: Guyana, Haiti, Trinidad & Tobago, Benin, Mauritius, Mali, Sierra Leone, St. Vincent, Chad, Cyprus, Solomon Islands, Israel, Switzerland, Austria, and Liberia.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, Foreign Service Officers and results of office research, and related information.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1982–91 (farm-sales-weight basis)

Type and crop year	Area	Yield per acre	Production	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Total flue-cured, types 11–14:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1982.....	472,300	2,131	1,006,527	2,145,138	3,151,665	934,737	455,875	478,777	178.5
1983.....	409,800	2,004	821,288	2,204,654	3,025,942	894,150	452,544	441,606	177.9
1984.....	392,000	2,206	864,625	2,165,304	3,029,929	934,785	480,493	454,292	181.1
1985.....	357,100	2,241	800,258	2,080,119	2,880,377	911,494	435,085	476,409	171.9
1986.....	308,300	2,091	644,563	1,958,025	2,602,518	872,932	393,191	479,741	152.7
1987.....	324,600	2,129	690,914	1,751,991	2,442,905	922,618	385,282	537,336	158.7
1988.....	366,400	2,219	813,212	1,612,573	2,325,785	884,685	362,825	521,860	161.3
1989.....	390,700	2,069	808,350	1,423,988	2,232,338	954,243	387,543	566,700	167.4
1990.....	416,900	2,253	939,234	1,307,845	2,247,079	1,012,404	406,036	606,368	167.3
1991 *.....	402,600	2,265	911,887	1,215,641	2,127,528				172.3
Total fire-cured, types 21–23:									
1982.....	28,310	1,881	53,256	71,352	124,608	45,680	22,079	23,601	152.0
1983.....	26,210	1,417	37,138	78,928	116,066	43,837	22,883	22,954	174.8
1984.....	28,290	2,001	56,620	72,229	128,849	34,466	17,783	16,683	151.4
1985.....	25,110	2,007	50,385	94,383	144,768	42,509	21,187	21,322	146.9
1986.....	21,080	1,958	41,271	102,259	143,530	41,407	22,495	18,912	143.1
1987.....	13,860	1,990	27,575	100,023	127,598	41,947	21,780	20,167	149.6
1988.....	13,540	2,271	30,744	85,651	116,395	34,075	19,171	14,904	213.8
1989.....	15,100	1,915	28,932	82,320	111,243	35,644	17,806	17,838	195.1
1990.....	15,440	2,265	34,978	75,599	110,577	39,204	17,875	21,329	192.4
1991 *.....	16,020	2,053	32,887	71,373	104,260				206.8
Virginia fire-cured, type 21:									
1982.....	4,800	1,150	5,520	8,872	14,392	4,139	1,510	2,629	117.6
1983.....	4,700	985	4,830	10,253	14,883	6,837	2,104	4,733	126.8
1984.....	4,600	1,925	6,095	8,046	14,141	4,095	3,017	1,078	117.8
1985.....	3,600	1,245	4,482	10,046	14,528	8,627	4,709	3,918	124.0
1986.....	2,900	1,220	3,538	5,901	9,439	2,866	2,043	323	127.8
1987.....	2,600	1,000	2,600	6,978	9,578	3,158	2,582	576	131.5
1988.....	2,300	1,270	2,920	6,420	9,340	2,870	2,545	325	145.2
1989.....	2,000	1,240	2,480	6,470	8,950	3,596	3,000	596	153.7
1990.....	2,100	1,815	2,762	5,354	8,116	3,481	2,858	623	160.2
1991 *.....	2,500	1,425	3,563	4,635	8,198				152.6
Kentucky and Tennessee fire- cured, types 22–23:									
1982.....	23,510	2,030	47,736	62,480	110,216	41,541	20,569	20,972	156.0
1983.....	21,510	1,511	32,508	68,675	101,183	37,000	20,779	16,221	181.7
1984.....	23,690	2,133	50,525	64,183	114,708	30,371	14,766	15,605	155.4
1985.....	21,510	2,134	45,903	84,337	130,240	33,882	16,478	17,404	149.2
1986.....	18,180	2,078	37,773	96,358	134,131	39,041	20,452	18,589	144.5
1987.....	11,260	2,218	24,975	93,045	118,020	38,789	19,198	19,591	151.5
1988.....	11,240	2,475	27,824	79,231	107,055	31,205	16,626	14,579	220.7
1989.....	13,100	2,019	26,443	75,850	102,293	32,048	14,806	17,242	199.0
1990.....	13,340	2,415	32,216	70,245	102,461	35,723	15,017	20,706	195.2
1991 *.....	13,520	2,169	29,324	66,738	96,062				213.4
Burley, type 31:									
1982.....	346,200	2,374	821,918	1,120,907	1,942,825	578,875	134,448	444,027	180.1
1983.....	292,600	1,645	481,439	1,318,726	1,800,165	501,031	112,305	388,726	177.3
1984.....	315,700	2,256	712,209	1,344,395	2,056,604	556,193	153,627	402,566	187.6
1985.....	255,100	2,247	573,321	1,461,915	2,035,236	575,566	150,631	424,935	159.4
1986.....	210,700	1,936	407,922	1,428,249	1,836,171	567,197	165,275	401,922	156.5
1987.....	215,800	1,943	419,360	1,278,823	1,698,183	633,021	156,480	476,541	156.3
1988.....	226,300	2,109	477,208	1,073,302	1,550,510	578,307	163,965	414,342	161.0
1989.....	244,350	1,975	482,568	963,095	1,445,663	614,412	168,706	445,706	167.2
1990.....	271,200	2,205	597,927	846,983	1,444,910	673,856	199,000	474,856	175.3
1991 *.....	312,000	2,110	658,181	765,327	1,423,508				178.8
Maryland, type 32:									
1982.....	29,340	1,433	42,049	47,362	89,411	38,898	12,935	25,963	146.1
1983.....	31,300	1,196	37,440	50,513	87,953	33,844	4,108	29,736	106.9
1984.....	27,300	1,396	38,100	54,109	92,209	37,700	9,030	28,670	132.0
1985.....	23,500	1,400	32,900	54,509	87,409	35,751	7,982	27,769	129.0
1986.....	19,400	1,430	27,750	53,408	81,158	30,493	6,559	23,934	106.5
1987.....	15,700	1,321	20,738	50,665	71,403	30,212	5,383	24,823	111.0
1988.....	12,500	1,476	18,445	41,191	59,636	26,523	5,123	21,400	150.8
1989.....	12,500	1,426	17,825	33,113	50,938	26,468	3,821	22,647	162.4
1990.....	10,700	1,525	16,316	21,948	38,264	23,666	6,679	16,827	181.6
1991 *.....	12,400	1,607	19,920	14,545	34,465				160.2

See footnotes at end of table.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1982-91 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
Total dark air-cured, types 35-37:	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1982.....	10,770	1,916	20,636	39,515	60,151	16,449	946	15,503	122.3
1983.....	9,190	1,597	14,673	43,702	58,375	14,350	2,284	12,066	150.8
1984.....	9,240	2,118	19,569	44,025	63,594	14,361	2,532	11,829	126.9
1985.....	7,700	2,002	15,419	49,233	64,652	12,793	2,944	9,849	125.9
1986.....	5,490	2,036	11,180	51,859	63,039	13,462	2,513	10,949	120.1
1987.....	3,610	1,932	6,976	47,630	54,606	15,387	1,569	13,818	129.9
1988.....	3,390	2,218	7,519	39,219	46,738	12,108	1,950	10,158	162.2
1989.....	3,540	1,845	6,532	37,217	43,749	13,220	2,107	11,122	169.5
1990.....	3,480	2,197	7,647	30,519	38,166	12,079	1,158	10,921	185.8
1991 ⁴	4,410	2,018	8,900	26,087	34,987	.....	.....	.....	183.3
One Sucker, type 35:									
1982.....	7,400	1,959	14,497	25,591	40,088	10,878	787	10,091	122.4
1983.....	6,000	1,621	9,728	29,210	38,938	10,265	2,105	8,160	155.4
1984.....	6,100	2,151	13,120	28,673	41,793	10,518	1,948	8,570	131.1
1985.....	5,200	2,058	10,704	31,275	41,979	9,864	2,130	7,734	129.3
1986.....	3,660	1,979	7,244	32,115	39,245	8,783	2,405	6,378	122.5
1987.....	2,380	1,952	4,646	30,576	35,222	9,877	1,436	8,441	138.0
1988.....	2,330	2,243	5,226	25,345	30,571	(⁵)	(⁵)	(⁵)	171.8
1989.....	2,450	1,828	4,478	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	175.5
1990.....	2,500	2,208	5,520	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	189.1
1991 ⁴	3,110	2,032	6,320	.....	.....	.....	.....	.....	187.8
Green River, type 36:									
1982.....	2,800	1,930	5,404	12,349	17,753	4,712	80	4,632	124.3
1983.....	2,700	1,690	4,563	13,041	17,604	3,613	68	3,545	142.5
1984.....	2,700	2,170	5,859	13,991	19,850	3,310	425	2,885	120.7
1985.....	2,300	1,950	4,485	16,540	21,540	2,214	566	1,648	119.0
1986.....	1,700	2,220	3,774	18,811	22,585	4,466	0	4,466	115.4
1987.....	1,100	2,000	2,200	18,119	20,319	4,687	5	4,682	114.4
1988.....	950	2,280	2,166	15,632	17,798	(⁵)	(⁵)	(⁵)	141.1
1989.....	1,000	1,950	1,950	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	157.6
1990.....	900	2,250	2,025	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	178.7
1991 ⁴	1,200	2,020	2,424	.....	.....	.....	.....	.....	174.1
Virginia sun-cured, type 37:									
1982.....	570	1,290	735	1,575	2,310	859	79	780	106.4
1983.....	490	780	382	1,451	1,833	472	111	361	132.5
1984.....	440	1,340	590	1,361	1,951	533	159	374	94.3
1985.....	200	1,150	230	1,418	1,648	715	248	467	100.0
1986.....	130	1,245	162	933	1,095	132	108	24	124.2
1987.....	130	1,000	130	963	1,262	264	128	136	102.5
1988.....	110	1,155	127	829	956	306	126	180	123.9
1989.....	90	1,155	104	650	754	118	90	28	135.1
1990.....	80	1,275	102	636	738	124	58	66	145.6
1991 ⁴	100	1,560	156	614	770	.....	.....	.....	143.4
Total continental cigar filler, types 41-44:									
1982.....	12,500	1,993	24,910	56,719	81,629	21,621	393	21,228	75.4
1983.....	9,100	1,776	16,163	60,008	76,171	22,355	304	22,051	82.1
1984.....	8,800	1,913	16,830	53,816	76,646	22,005	210	21,795	90.0
1985.....	8,820	1,959	17,281	48,641	65,922	17,128	230	16,898	72.6
1986.....	7,920	1,984	15,710	48,794	64,504	26,087	195	25,892	66.7
1987.....	7,050	1,897	13,372	38,417	51,789	20,919	306	20,613	72.1
1988.....	6,020	1,948	11,728	30,870	42,598	14,185	22	14,163	102.0
1989.....	5,500	1,950	10,725	28,415	39,140	15,494	0	15,494	127.0
1990.....	6,400	2,050	13,120	23,646	36,766	13,671	0	13,671	139.0
1991 ⁴	6,700	2,050	13,735	23,095	36,830	.....	.....	.....	143.0
Pennsylvania seedleaf filler, type 41:									
1982.....	10,700	2,000	21,400	52,343	73,743	19,618	393	19,225	73.0
1983.....	7,700	1,850	14,245	54,125	68,370	20,415	304	20,111	83.0
1984.....	7,700	1,900	14,630	47,955	62,585	20,125	210	19,915	90.0
1985.....	8,000	1,950	15,600	42,460	58,060	16,339	230	16,109	71.0
1986.....	7,600	2,000	15,200	41,721	56,921	24,825	195	24,630	66.0
1987.....	7,000	1,900	13,300	32,096	45,396	20,336	306	20,030	72.0
1988.....	6,000	1,950	11,700	25,060	36,760	12,412	22	12,390	104.0
1989.....	5,500	1,950	10,725	24,348	35,073	12,124	0	12,124	127.0
1990.....	6,400	2,050	13,120	22,949	36,069	13,017	0	13,017	139.0
1991 ⁴	6,700	2,050	13,735	23,052	36,830	.....	.....	.....	143.0

See footnotes at end of table.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1982-91 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
Miami Valley (Ohio) filler, types 42-44:									
1982.....	1,800	1,950	3,510	4,376	7,886	2,003		2,003	90.0
1983.....	1,400	1,370	1,918	5,883	7,801			1,940	75.0
1984.....	1,100	2,000	2,200	5,861	8,061	1,880		1,880	90.0
1985.....	820	2,050	1,681	6,181	7,862	789		789	87.0
1986.....	320	1,595	510	7,073	7,583	1,262		1,262	89.0
1987.....	50	1,440	72	6,321	6,393	583		583	96.0
1988.....	20	1,400	28	5,810	5,838	1,773		1,773	104.0
1989.....	0	0	0	4,067	4,067	3,370		3,370	..
1990.....	0	0	0	697	697	654		654	..
1991 ⁴	0	0	0	43	43				..
Puerto Rican filler, type 46: ⁶									
1982.....	300	1,000	300	7,259	7,559	712		712	91.0
1983.....	800	1,000	800	6,847	7,647	1,587		1,587	91.0
1984.....	600	1,000	600	6,060	6,660	283		283	74.0
1985.....	400	1,000	400	6,377	6,777	949		949	74.0
1986.....	200	1,000	200	6,028	6,228	1,563		1,563	75.0
1987.....	200	1,000	200	4,965	5,165	1,076		1,076	74.7
1988.....	200	1,000	200	4,189	4,889	971		971	73.1
1989.....	200	1,000	200	3,418	3,618	147		147	..
1990.....	.	..	.	3,371	3,371	801		801	..
1991 ⁴.....	.	..	.	2,570	2,570				..
Total cigar binder, types 51-55:									
1982.....	12,200	1,941	23,675	67,099	90,774	23,316	187	23,129	115.2
1983.....	9,975	1,920	19,156	67,558	86,714	21,048	188	20,860	115.5
1984.....	9,150	1,998	18,284	65,180	83,464	20,089	313	19,776	116.4
1985.....	9,330	2,147	20,033	63,375	83,408	23,073	222	22,851	110.6
1986.....	7,330	1,891	13,860	59,917	73,777	19,973	244	19,729	105.5
1987.....	5,240	1,937	10,149	53,804	63,953	21,620	180	21,440	112.3
1988.....	4,400	1,940	8,536	42,333	50,869	16,503	123	16,380	133.6
1989.....	6,230	2,007	12,504	34,540	47,044	16,173	43	16,130	153.0
1990.....	7,560	1,919	14,506	31,014	45,520	17,294	5	17,289	158.0
1991 ⁴	8,180	1,921	15,716	28,603	44,319				164.2
Connecticut Valley binder, types 51-52:									
1982.....	2,100	1,685	3,539	7,086	10,625	3,286	185	3,101	180.9
1983.....	1,375	1,793	2,465	7,270	9,735	3,074	156	2,918	155.7
1984.....	1,050	1,794	1,884	6,661	8,545	2,603	289	2,314	167.6
1985.....	1,130	1,819	2,055	5,942	7,997	1,474	222	1,252	177.5
1986.....	1,130	1,770	2,000	6,523	8,523	2,119	222	1,897	177.5
1987.....	1,040	1,711	1,779	6,404	8,183	1,956	180	1,776	170.0
1988.....	950	1,716	1,630	6,227	7,857	2,952	123	2,829	170.0
1989.....	730	1,721	1,256	4,905	6,161	2,272	43	2,229	180.0
1990.....	660	1,758	1,160	3,889	5,049	2,574	5	2,569	250.0
1991 ⁴	780	1,767	1,378	2,475	3,853				260.0
Wisconsin binder, types 54-55:									
1982.....	10,100	1,994	20,136	60,013	80,149	19,861	2	19,859	103.7
1983.....	8,600	1,941	16,691	60,288	76,979	18,460	32	18,428	109.6
1984.....	8,100	2,025	16,400	58,519	74,919	17,486	24	17,462	110.5
1985.....	8,200	2,192	17,978	57,423	75,401	21,599	0	21,599	103.0
1986.....	6,200	1,913	11,860	53,394	65,254	17,854	22	17,832	93.4
1987.....	4,200	1,993	8,370	47,400	55,770	19,664	0	19,664	100.0
1988.....	3,450	2,002	6,906	36,106	43,012	13,551	0	13,551	125.0
1989.....	5,500	2,045	11,248	29,635	40,883	13,901	0	13,901	150.0
1990.....	6,900	1,934	13,346	27,125	40,471	14,720	0	14,720	150.0
1991 ⁴	7,400	1,938	14,388	26,128	40,466				155.0
Southern Wisconsin, type 54:									
1982.....	5,100	2,110	10,761						106.0
1983.....	4,400	2,080	9,152						110.0
1984.....	3,900	2,105	8,210						111.0
1985.....	3,900	2,465	9,614						103.0
1986.....	2,800	1,965	5,502						95.0
1987.....	2,700	2,100	5,670						100.0
1988.....	2,400	2,090	5,016						125.0
1989.....	3,500	2,185	7,648						150.0
1990.....	4,100	2,275	9,328						150.0
1991 ⁴	4,200	2,210	9,282						155.0

See footnotes at end of table.

Table 130.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1982-91 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks ¹	Supply	Disappearance			Av. price per pound to growers
						Total	Exports ²	Domestic	
	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
Northern Wisconsin, type 55:									
1982.....	5,000	1,875	9,375						101.0
1983.....	4,200	1,795	7,539						109.0
1984.....	4,200	1,950	8,190						110.0
1985.....	4,300	1,945	8,364						103.0
1986.....	3,400	1,870	6,358						92.0
1987.....	1,500	1,800	2,700						100.0
1988.....	1,050	1,800	1,890						125.0
1989.....	2,000	1,800	3,600						150.0
1990.....	2,800	1,435	4,018						150.0
1991 ⁴	3,200	1,580	5,056						155.0
Total cigar wrapper, types 61-62: ⁷									
1982.....	1,120	1,421	1,592	5,254	6,846	3,418	1,986	2,432	1,250.0
1983.....	980	1,706	1,672	3,428	5,100	1,361	1,000	361	1,100.0
1984.....	1,220	1,414	1,725	3,739	5,464	2,657	2,180	477	1,250.0
1985.....	1,360	1,501	2,041	2,807	4,848	2,217	2,000	217	1,265.0
1986.....	1,330	1,266	1,684	2,633	4,317	2,130	1,850	280	1,310.0
1987.....	1,280	1,242	1,590	2,185	3,775	2,023	1,900	123	1,550.0
1988.....	1,380	1,528	2,108	1,752	3,860	2,114	2,000	114	1,210.0
1989.....	1,480	1,543	2,283	1,749	4,032	2,037	1,900	137	2,170.0
1990.....	1,630	1,627	2,652	2,095	4,747	2,750	2,550	200	2,100.0
1991 ⁴	1,450	1,537	2,228	1,997	4,225				1,800.0
Total tobacco, types 11-72: ⁸									
1982.....	913,030	2,185	1,995,294	3,560,605	5,555,468	³ 1,664,452	629,224	1,035,228	176.4
1983.....	789,955	1,810	1,429,769	3,834,364	5,264,133	³ 1,533,563	595,616	937,947	174.5
1984.....	792,300	2,182	1,728,562	3,809,244	5,537,806	³ 1,622,539	666,168	956,361	180.6
1985.....	688,420	2,196	1,512,038	3,865,380	5,377,418	³ 1,621,480	620,281	1,011,199	164.5
1986.....	581,750	2,001	1,164,140	3,711,172	4,875,242	³ 1,572,021	590,472	981,549	152.2
1987.....	587,340	2,028	1,190,874	3,323,538	4,514,412	1,688,778	571,425	1,118,353	157.0
1988.....	634,030	2,160	1,369,500	2,826,891	4,196,391	1,569,471	555,179	1,014,292	164.6
1989.....	678,200	2,016	1,367,188	2,604,282	3,971,470	1,677,847	581,926	1,095,921	170.8
1990.....	733,310	2,218	1,626,380	2,343,020	3,969,400	1,795,565	633,303	1,162,262	173.8
1991 ⁴	763,760	2,178	1,663,464	2,149,238	3,812,702				177.3

¹ Not applicable. ² July 1 for flue-cured types 11-14 and cigar types 61 and 62; Oct. 1 for all other types. ³ Exports by rehandling trade included in totals of types from which they are made. ⁴ Disappearance adjusted for tobacco still on farms at end of marketing year. ⁵ Preliminary. ⁶ Not available. ⁷ Puerto Rican crop planted in the fall of the year shown and harvested the following spring. ⁸ No type 62 tobacco has been produced since 1978. All stocks of type 62 were used in the 1984 crop year. ⁹ Includes Perique.

Economic Research Service. Basic export data from the official reports of the Department of Commerce.

Table 131.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1987-91 (farm-sales-weight basis) ¹

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Flue-cured, types 11-14:					Puerto Rican filler, type 46: ²				
1987	2,140,894	1,913,456	1,751,991	1,990,329	1987	6,015	7,061	5,590	4,965
1988	1,961,489	1,697,840	1,512,573	1,855,355	1988	5,001	4,828	4,804	4,189
1989	1,794,896	1,593,940	1,423,988	1,733,978	1989	4,548	4,486	3,353	3,418
1990	1,758,991	1,518,375	1,307,845	1,684,955	1990	4,346	2,366	3,777	3,371
1991	1,669,965	1,434,400	1,215,641	1,659,244	1991	3,363	3,522	2,758	2,570
Virginia fire- cured, type 21:					Connecticut Valley, types 51-52:				
1987	7,634	8,820	7,907	7,055	1987	6,901	6,446	6,204	6,404
1988	8,015	7,754	7,558	6,556	1988	6,196	6,650	6,323	6,227
1989	7,483	7,970	7,594	6,484	1989	6,021	6,007	5,779	4,905
1990	6,268	6,621	6,557	5,354	1990	5,502	5,010	4,653	3,889
1991	6,218	5,739	5,919	4,635	1991	2,660	3,160	3,295	2,475
Kentucky and Tennessee fire-cured, types 22-23:					Wisconsin, types 54-55:				
1987	987,957	115,168	105,550	95,960	1987	50,014	57,360	54,671	47,400
1988	88,161	99,592	93,747	82,214	1988	45,026	48,934	38,645	36,106
1989	76,800	93,114	87,116	79,600	1989	25,741	35,226	32,664	29,635
1990	69,384	78,883	77,349	70,245	1990	18,913	33,902	30,848	27,125
1991	61,056	75,253	75,749	66,738	1991	19,553	33,879	29,852	26,128
Burley, type 31:					Connecticut Valley shade- grown, type 61:				
1987	1,613,402	1,551,786	1,402,255	1,281,015	1987	2,631	2,309	2,185	1,773
1988	1,364,940	1,357,323	1,216,457	1,073,857	1988	2,701	2,171	1,752	1,569
1989	1,227,400	1,236,782	1,085,417	964,581	1989	2,407	2,991	1,749	2,953
1990	1,131,658	1,148,076	979,016	846,983	1990	2,445	2,185	2,095	1,246
1991	1,099,461	1,083,527	877,436	765,327	1991	3,013	2,404	1,997	1,657
Maryland, type 32:					Georgia and Florida shade- grown, type 62:				
1987	47,750	45,174	54,388	50,665	1987	0	0	0	0
1988	43,034	39,676	45,420	41,191	1988	0	0	0	0
1989	39,105	32,419	37,090	33,113	1989	0	0	0	0
1990	27,668	23,396	23,756	21,948	1990	0	0	0	0
1991	19,283	16,262	16,587	14,545	1991	0	0	0	0
One Sucker and Green River, types 35-36:					Perique, type 72:				
1987	33,309	33,664	31,468	30,576	1987	156	198	137	128
1988	30,393	30,845	28,976	25,345	1988	96	105	105	93
1989	22,777	25,267	23,921	21,850	1989	102	152	45	109
1990	33,772	35,439	32,396	29,883	1990	88	67	309	70
1991 ³	28,276	32,513	28,459	25,473	1991	45	35	59	94
Virginia sun- cured, type 37:					Other miscellaneous domestic, type 73:				
1987	1,049	1,181	1,129	955	1987	9,452	9,039	9,292	10,241
1988	963	941	979	829	1988	11,701	10,670	10,013	10,438
1989	878	902	813	527	1989	8,490	5,912	4,188	3,073
1990	649	806	775	636	1990	2,850	7,426	8,010	7,789
1991	651	568	642	614	1991	7,772	7,812	1,393	2,285
Pennsylvania seedleaf, type 41:					Foreign-grown cigar-leaf, types 81-89:				
1987	36,646	39,623	37,314	32,096	1987	76,444	72,129	65,243	66,697
1988	29,915	33,890	27,825	25,060	1988	62,220	61,674	67,172	61,278
1989	22,843	28,415	26,570	24,348	1989	59,682	58,953	64,672	61,729
1990	18,351	28,780	23,860	22,949	1990	61,063	59,866	69,360	71,468
1991	21,120	28,039	25,585	23,052	1991	67,810	70,429	72,792	73,152
Miami Valley (Ohio) filler, types 42-44:					Foreign-grown cigarette and smoking, types 91-93:				
1987	6,872	7,162	6,923	6,321	1987	907,523	956,058	939,598	870,364
1988	6,022	5,751	5,761	5,804	1988	857,776	819,046	781,172	741,423
1989	5,092	5,963	6,064	4,071	1989	757,409	725,886	749,217	707,228
1990	2,326	1,733	1,186	697	1990	658,766	671,614	674,862	664,284
1991	272	77	57	43	1991	663,566	659,538	716,530	760,002

¹ Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production. ² Stocks on the island of Puerto Rico are included. ³ One Sucker and Green River combined.

Agricultural Marketing Service.

Table 132.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1983-91

Year	Cigars		Cigarettes		Chewing tobacco			Smoking tobacco			Snuff	Total chewing, smoking, and snuff
	Large	Small	Large ¹	Small	Plug	Twist	Loose-leaf	Pipe	Granulated	Cigarette cut		
	Mil-lions	Mil-lions	Mil-lions	Mil-lions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1983.....	3,134.8	1,402.9	.8	666,907.9	14,096	1,690	71,028	23,654	378	3,965	46,676	161,487
1984.....	3,129.8	1,255.6	2.9	668,229.5	12,627	1,653	74,407	20,809	310	3,427	49,403	162,636
1985.....	2,825.7	1,244.5	.4	665,172.4	11,338	1,520	74,047	18,425	400	3,225	48,742	157,727
1986.....	2,927.6	487.3	.4	656,828.2	10,408	1,414	69,610	16,025	254	3,065	47,469	148,245
1987.....	2,133.4	1,141.2	1.0	689,174.1	10,000	1,434	67,270	14,159	69	3,772	47,185	143,889
1988.....	1,979.6	1,176.3	2.18	694,515.4	8,919	1,381	65,506	12,731	94	3,835	48,637	141,403
1989.....	1,980.2	1,161.6	1.78	677,199.6	8,341	1,258	64,906	12,675	126	4,155	49,687	141,148
1990.....	1,896.7	1,253.4	.29	710,380.3	7,409	1,224	64,283	12,220	65	4,146	46,304	135,651
1991 ²	1,739.8	1,025.0	.50	694,499.3	6,728	1,187	64,325	11,272	37	4,398	54,358	142,305
Taxable removals and domestic invoices ³												
1983.....	3,459.7	1,334.3	1.0	597,468.3	13,935	1,709	70,923	22,975	362	3,639	45,689	159,232
1984.....	3,332.8	1,234.1	.7	597,896.6	12,627	1,632	72,974	20,567	328	3,422	47,672	161,222
1985.....	3,017.1	1,217.8	.3	594,935.8	11,861	1,516	71,732	18,091	384	3,272	48,630	155,486
1986.....	2,904.5	966.6	.2	583,018.9	10,215	1,432	67,147	15,623	256	3,310	46,688	144,671
1987.....	2,673.5	1,153.4	.5	577,007.2	9,763	1,450	65,181	13,756	131	3,807	45,093	139,181
1988.....	2,428.3	1,160.4	.32	543,378.6	8,517	1,342	64,832	12,506	111	3,760	47,809	138,877
1989.....	2,364.7	1,146.8	.36	540,068.3	8,119	1,290	63,517	12,052	122	3,948	49,131	138,179
1990.....	2,233.2	1,214.1	.15	523,094.3	7,172	1,235	62,278	11,232	72	3,957	44,466	130,412
1991 ²	2,134.0	1,532.0	.07	486,338.4	6,446	1,190	63,664	10,146	37	4,532	53,438	139,453
Tax-free removals and exports												
1983.....	140.0	16.8	0	69,680.1	132	0	74	610	0	2	951	1,769
1984.....	120.5	13.9	0	66,499.9	102	0	80	433	0	1	1,176	1,792
1985.....	101.3	4.9	0	74,302.8	90	0	97	1,205	0	0	997	2,389
1986.....	101.3	4.9	0	74,302.8	90	0	97	1,205	0	0	997	2,389
1987.....	82.8	2.4	0	111,198.0	266	0	149	541	0	0	774	1,730
1988.....	78.0	3.2	0	132,952.4	185	0	76	566	0	0	917	1,744
1989.....	76.1	1.9	0	147,494.8	181	0	77	589	0	0	797	1,644
1990.....	73.9	.13	0	178,742.1	157	0	58	488	0	0	960	1,663
1991 ²	72.9	.15	0	193,778.8	88	0	50	536	0	0	979	1,653

¹ Weighing more than three pounds per thousand, or brought into the United States and Puerto Rico.² Preliminary.
⁴ Less than 50,000.³ Includes cigars and cigarettes imported

Agricultural Marketing Service.

Table 133.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1977-91¹

Year	Cigarettes			Large cigars ²			Smoking, chewing, and snuff ³		All tobacco products ³	
	Total		Per capita	Total		Per capita	Total	Per capita	Total	Per capita
	Billions	Million pounds	Number	Billions	Million pounds ⁴	Number	Million pounds	Pounds	Million pounds	Pounds
1977.....	617	1,101	4,051	5.0	82	33	107	.70	1,296	8.49
1978.....	616	1,086	3,967	4.7	78	30	107	.69	1,258	8.10
1979.....	622	1,145	3,861	4.3	71	27	109	.68	1,330	8.26
1980.....	632	1,113	3,849	4.0	66	24	111	.68	1,295	7.90
1981.....	640	1,089	3,836	3.9	64	23	112	.67	1,266	7.59
1982.....	634	1,094	3,739	3.7	60	22	110	.65	1,265	7.46
1983.....	600	1,065	3,488	3.6	59	21	110	.64	1,237	7.19
1984.....	600	1,025	3,446	3.5	57	20	108	.63	1,193	6.85
1985.....	594	1,042	3,370	3.2	53	18	106	.61	1,201	6.81
1986.....	584	1,022	3,274	3.1	50	17	100	.56	1,170	6.56
1987.....	575	989	3,197	2.7	44	15	96	.53	1,133	6.30
1988.....	563	973	3,096	2.5	41	14	96	.53	1,110	6.11
1989.....	540	909	2,926	2.5	41	14	94	.51	1,045	5.68
1990.....	525	893	2,817	2.4	39	13	93	.50	1,027	5.49
1991 ⁵	510	879	2,713	2.3	38	12	95	.51	1,000	5.39

¹Includes consumption by overseas forces. ²Weighing over 3 pounds per 1,000. ³Unstemmed-processing weight equivalent. ⁴Includes weight of small cigars. ⁵Preliminary.

Economic Research Service. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

Table 134.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1977-91

Year	Cigarettes				Cigars ³			
	Total output	Domestic consumption ¹	Tax-exempt removals ²		Total output ⁴	Domestic consumption ¹	Tax-exempt removals ²	
			Total	Exports			Total	Exports
	Billions	Billions	Billions	Billions	Millions	Millions	Millions	Millions
1977.....	665.9	606.8	78.1	66.8	5,031	4,988	134	117
1978.....	695.9	605.4	85.1	74.4	4,781	4,702	164	166
1979.....	704.4	607.8	93.2	79.7	4,443	4,304	179	177
1980.....	714.1	631.5	94.2	82.0	4,044	4,001	201	200
1981.....	736.5	640.0	92.0	82.6	3,962	3,893	160	181
1982.....	694.2	634.0	82.1	73.6	3,669	3,667	158	181
1983.....	667.0	600.0	69.7	60.7	3,564	3,605	140	130
1984.....	668.8	600.4	67.1	56.5	3,501	3,493	121	104
1985.....	665.3	594.0	66.5	58.9	3,127	3,197	95	101
1986.....	658.0	583.8	74.3	64.3	2,932	3,055	96	62
1987.....	689.4	575.0	111.2	100.2	2,133	2,728	86	145
1988.....	694.5	562.5	128.7	118.5	1,980	2,531	78	87
1989.....	677.2	540.0	149.1	141.8	2,010	2,511	80	37
1990.....	709.7	525.0	178.8	164.3	1,896	2,384	74	33
1991 ⁵	694.5	510.0	193.7	179.2	1,740	2,276	73	40

¹As indicated by taxable removals and imports, and estimated inventory changes. ²In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores. ³Includes cigarillos but excludes small (approximately cigarette-size) cigars. ⁴Includes cigars shipped to mainland United States from Puerto Rico. ⁵Preliminary.

Economic Research Service. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

Table 135.—Tobacco: Price-support loan operations, United States, 1977-91 ¹

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Placed under loan		Support price per pound	Placed under loan	
		Quantity	Percentage of production		Quantity	Percentage of production
	Cents	Million pounds	Percent	Cents	Million pounds	Percent
1977.....	113.8	196	17.4	117.3	56	9.2
1978.....	121.0	64	5.3	124.7	67	10.9
1979.....	129.3	72	7.4	133.3	7	1.4
1980.....	141.5	137	12.6	145.9	(²)	
1981.....	158.7	106	9.3	163.6	1	1
1982.....	169.9	259	26.0	175.1	269	34.8
1983.....	169.9	195	22.8	175.1	256	³ 48.7
1984.....	169.9	159	18.4	175.1	201	27.5
1985.....	169.9	182.2	16.7	148.8	82.7	14.8
1986.....	143.8	55.5	8.4	148.8	38.8	9.2
1987.....	143.5	24.8	3.6	148.8	90.0	21.1
1988.....	144.2	15.2	1.9	150.0	14.6	3.2
1989.....	146.8	28.4	3.4	153.2	.3	.1
1990.....	148.8	74.1	8.1	155.8		
1991.....	152.8	49.6	5.6	158.4	42.4	6.5

¹ Support operations for minor kinds of tobacco not shown. Burley and flue-cured usually account for over 95 percent of tobacco loan placements. ² Less than 500,000 pounds. ³ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 136.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1989-91

Type and country of origin	1989	1990	1991 ¹	Type and country of origin	1989	1990	1991 ¹
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Cigarette leaf:				Scrap:			
Brazil.....	33,827	30,844	36,356	Dominican Republic.....	716	828	603
Greece.....	16,535	15,960	18,470	Brazil.....	70	61	3
Yugoslavia.....	4,343	6,338	9,361	Italy.....	2,047	1,576	1,129
Canada.....	2,743	1,906	3,952	Turkey.....	1,777	3,488	3,590
Italy.....	3,596	3,225	7,025	Philippines.....	575	551	220
Turkey.....	51,628	56,777	64,490	Indonesia.....	491	515	8
Korea, Rep. of.....	1,534	297	62	Other countries.....	2,264	2,181	1,959
Bulgaria.....	5,408	4,732	4,741	Total.....	7,940	9,200	7,512
Thailand.....	4,570	3,611	3,198	Stems:			
Other countries.....	37,008	41,714	50,099	Canada.....	630	1,626	2,218
Total.....	161,192	165,404	197,754	Dominican Republic.....	101	89	160
Cigar wrapper:				Brazil.....	6,169	6,509	9,530
Honduras.....	189	137	119	Argentina.....	524	1,550	2,781
Nicaragua.....	0	0	32	Philippines.....	180	459	2,591
Cameroon.....	185	73	80	Other countries.....	2,738	1,756	3,185
Other countries.....	438	570	637	Total.....	10,342	11,989	20,465
Total.....	812	780	868	Grand total ²	180,286	187,373	226,599

¹ Preliminary. ² Includes unstemmed and stemmed cigar filler.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 137.—Tobacco, unmanufactured: International trade, 1988–90

Continent and country	1988		1989		1990 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
North and Central America (incl. Caribbean):	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:						
Canada	19,550	924	12,065	783	18,010	1,584
Costa Rica	0	18	0	61	0	87
Cuba	18,723	3,000	14,491	3,000	13,000	1,500
Dominican Republic	15,154	325	22,299	250	9,204	154
El Salvador	116	555	165	586	0	352
Guatemala	4,634	116	6,761	600	5,919	295
Haiti	0	1,000	0	1,000	0	1,000
Honduras	1,398	50	1,734	60	1,216	494
Jamaica and Dep.	242	483	250	450	250	450
Mexico	15,588	3,679	11,065	3,200	8,985	12,000
Nicaragua	160	400	160	400	160	400
Panama	410	133	410	133	410	133
Trinidad and Tobago	0	717	0	800	0	800
United States ²	218,542	167,171	220,407	194,078	223,412	198,845
Total N. America	294,517	178,571	289,807	205,401	280,566	218,094
South America:						
Argentina	27,292	103	31,772	60	45,775	504
Bolivia	0	1,086	0	513	0	250
Brazil	199,000	0	200,000	0	188,000	0
Chile	2,080	979	2,541	1,191	3,076	1,238
Colombia	9,493	1,552	9,686	629	12,813	155
Ecuador	279	1,000	285	900	275	800
Guyana	0	350	0	150	0	150
Paraguay	6,321	115	1,874	231	5,370	718
Peru	100	850	108	802	108	718
Surinam	0	450	0	500	0	500
Uruguay	468	2,749	228	2,700	228	2,700
Venezuela	700	0	866	0	727	0
Total S. America	245,733	9,234	247,360	7,676	256,372	7,733
Europe:						
Belgium-Luxembourg	3,629	30,007	4,342	31,645	6,422	31,178
Denmark ³	1,844	16,781	1,408	15,727	762	17,129
France ⁴	12,788	33,131	11,532	30,163	10,773	31,845
Germany ³	32,433	166,903	28,558	163,443	25,511	181,111
Greece	101,486	7,750	92,203	11,800	129,052	7,800
Ireland ⁶	0	5,711	0	5,500	0	5,500
Italy	109,987	51,123	126,536	60,838	137,720	41,481
Netherlands	9,251	80,536	5,775	82,409	12,220	90,929
United Kingdom	4,460	95,972	6,703	114,082	5,434	128,104
Total EC	275,878	487,914	277,057	515,607	327,894	535,077
Austria	868	10,092	2,080	10,722	1,528	11,192
Finland	0	7,512	0	3,440	0	3,365
Malta-Gozo	160	1,200	150	1,000	150	1,000
Norway	0	5,600	0	4,068	0	3,600
Portugal	2,056	7,233	4,312	13,142	3,134	10,382
Spain	5,177	70,546	14,400	67,585	17,373	71,248
Sweden	0	11,519	0	4,860	0	10,582
Switzerland	6,927	24,252	6,811	24,987	7,883	27,950
Total Western Europe	15,188	137,954	27,753	129,804	30,068	139,319
Albania	14,000	0	10,000	0	10,000	0
Bulgaria	56,995	28,500	41,000	32,000	33,800	28,000
Czechoslovakia	500	17,000	500	21,000	100	17,900
Hungary	1,700	6,800	1,500	7,050	1,400	8,000
Poland	10,325	11,121	17,487	11,351	9,968	15,465
Romania	3,650	5,500	50	3,725	1,530	3,100
Yugoslavia	13,225	5,111	15,580	8,188	10,625	12,054
Total Eastern Europe	100,395	74,032	86,117	83,314	67,423	84,519
Total Europe	391,461	699,900	390,927	728,725	425,385	758,915
Soviet Union	1,300	48,703	1,300	50,000	1,500	50,000

See footnotes at end of table.

Table 137.—Tobacco, unmanufactured: International trade, 1988-90—Continued

Continent and country	1988		1989		1990 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Africa—Continued						
Algeria.....	0	21,850	0	15,650	0	19,800
Angola.....	0	1,100	0	1,900	0	1,500
Benin.....	0	450	0	450	0	450
Cameroon.....	520	2,086	1,000	2,000	1,000	2,330
Congo.....	0	1,274	0	1,197	0	1,197
Egypt.....	0	55,530	0	30,122	0	41,757
Ghana.....	0	260	0	117	50	327
Ivory Coast.....	0	3,154	0	3,112	0	3,100
Liberia.....	0	300	0	300	0	300
Libya.....	0	1,400	0	2,000	0	2,000
Malawi.....	60,097	0	56,479	0	83,735	0
Morocco.....	0	10,915	0	9,715	0	5,872
Mozambique.....	0	1,000	0	100	0	100
Nigeria.....	75	1,887	23	3,162	23	2,566
Senegal.....	0	4,000	0	4,000	0	4,000
Sierra Leone.....	100	500	100	500	100	525
South Africa.....	3,197	20,846	8,604	11,568	1,684	18,169
Tanzania.....	9,000	0	6,000	0	6,000	0
Tunisia.....	1,000	5,688	695	6,040	1,152	4,924
Uganda.....	39	0	490	0	2,268	0
Zaire.....	0	1,000	0	1,086	0	1,000
Zambia.....	2,611	173	2,000	17	2,000	17
Zimbabwe.....	100,123	0	105,718	0	122,349	0
Total Africa.....	176,762	133,413	181,109	93,036	220,361	109,934
Asia:						
Bangladesh.....	505	995	2,089	1,250	2,500	1,250
Burma.....	0	40,000	0	40,000	0	40,000
China (Mainland).....	21,515	37,379	25,399	20,671	32,091	13,235
Taiwan.....	17,294	11,449	4,115	22,834	2,504	12,894
Cyprus.....	17	1,157	25	1,256	20	1,410
Hong Kong.....	1,447	22,534	2,086	21,584	3,405	36,783
India.....	38,246	125	56,370	99	66,509	38
Indonesia.....	18,240	10,845	17,722	13,631	17,402	26,647
Iraq.....	0	18,000	0	26,000	0	10,000
Israel.....	0	4,800	0	4,245	0	4,847
Japan ²	2,500	68,300	1,500	64,000	8	71,700
Jordan.....	22	2,021	98	1,487	300	1,813
Korea, Democratic People's.....	3,000	0	3,000	0	3,000	0
Korea, Republic of.....	26,916	6,035	20,268	6,471	20,818	8,085
Kuwait.....	15	60	15	60	15	60
Lebanon.....	2,400	0	2,600	0	2,800	0
Malaysia.....	227	2,983	16	3,436	9	4,395
Pakistan.....	414	59	570	59	944	67
Philippines.....	15,136	19,638	11,043	12,343	14,776	11,956
Singapore.....	1,792	5,721	3,628	10,095	15,516	24,756
Sri Lanka.....	718	179	601	327	550	250
Syria.....	4	0	922	0	6,388	0
Thailand.....	30,945	5,724	27,247	7,515	34,202	9,180
Turkey.....	77,685	610	117,348	4,082	94,298	3,279
Yemen.....	0	6,000	0	9,800	0	6,000
Total Asia.....	259,038	264,614	296,662	271,245	318,055	288,645
Oceania:						
Australia.....	10	11,107	65	9,314	162	9,684
New Zealand.....	4	3,549	14	3,361	20	3,283
Total Oceania.....	14	14,656	79	12,675	182	12,967
World total.....	1,368,825	1,349,091	1,407,244	1,368,758	1,502,421	1,446,288

¹ Preliminary. ² Exports include re-exports of Foreign grown tobacco. General imports, including the category "Tobacco Manufactured or Not Manufactured, Not Specifically Provided For". ³ Imports are actual arrivals. ⁴ Actual arrivals. ⁵ Exports are actual shipments. ⁶ Purchases by manufacturers. ⁷ Fiscal Year (April-March).

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 138.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1989-91

Type and country of destination	1989	1990	1991 ¹	Type and country of destination	1989	1990	1991 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Total unmanufactured:²				Singapore	918	1,376	2,119
Canada	291	526	1,263	Thailand	3,601	6,027	5,186
Panama	330	175	132	Australia	2,123	2,833	2,579
Jamaica and Dep.	153	234	180	New Zealand	580	473	455
Dominican Republic ..	1,474	1,430	1,769	Other countries	10,724	5,364	10,564
Chile	357	94	45	Total	120,344	131,155	115,480
Ecuador	0	0	1	Burley:			
Belgium and Luxembourg	5,582	5,604	4,976	Chile	0	0	0
France	2,183	2,588	2,938	Belgium and Luxembourg	1,289	1,797	1,561
Germany	34,221	34,423	37,557	France	341	680	538
Italy	7,771	8,734	9,013	Germany	8,882	9,339	13,158
Netherlands	19,619	20,550	19,406	Italy	2,536	3,874	2,873
Austria	549	891	1,025	Netherlands	6,726	6,822	7,131
Denmark	6,270	6,843	6,704	Austria	18	54	56
Finland	1,102	1,396	1,199	Denmark	1,255	1,649	1,172
Ireland	1,007	726	1,963	Finland	200	260	212
Norway	1,662	1,520	1,605	Norway	62	67	0
Portugal	454	402	359	Sweden	259	1,092	649
Spain	2,090	8,249	9,992	Switzerland	1,650	2,458	2,304
Sweden	3,748	4,297	3,780	Syria	0	0	0
Switzerland	4,732	6,042	6,710	Hong Kong	2,423	3,768	2,272
United Kingdom	8,345	9,292	8,551	Japan	11,523	7,638	12,876
Libya	0	0	0	Philippines	1,365	1,219	2,366
Egypt	196	244	2,100	Thailand	3,527	4,081	3,674
Canary Islands	0	0	0	Other countries	5,440	5,464	11,012
Cameroon	2	0	0	Total	47,496	50,262	61,854
Ghana	32	38	19	Dark-fired Kentucky and Tennessee:			
Nigeria	2,790	2,194	908	Belgium and Luxembourg	267	126	187
Zaire	0	0	0	France	282	244	434
Israel	587	1,358	374	Germany	183	3	175
Taiwan	19,300	8,126	13,557	Italy	217	349	257
Hong Kong	8,750	16,567	8,046	Netherlands	3,702	3,472	3,380
Korea, Republic of	1,870	2,042	3,752	Denmark	15	29	45
Japan	47,805	48,313	37,704	Ireland	0	0	0
Malaysia	3,092	3,348	4,737	Norway	0	23	124
Philippines	2,162	2,533	3,963	Canary Islands	0	0	0
Singapore	1,667	2,581	3,528	Sweden	20	641	665
Thailand	7,128	10,108	8,863	Switzerland	68	116	107
Syria	0	0	0	United Kingdom	0	155	0
Australia	2,807	3,748	3,504	Egypt	196	12	56
New Zealand	661	583	523	Tunisia	0	0	0
Other countries	19,019	7,615	15,716	Cameroon	52	483	84
Total	220,408	223,414	226,462	Indonesia	1,112	663	458
Flue-cured:				Total	6,114	6,416	5,972
Panama	60	130	79	Blackfat:			
Jamaica and Dep.	0	108	0	Niger	0	0	0
Chile	75	0	0	Cameroon	0	0	0
Ecuador	0	0	0	Benin	106	24	12
Belgium and Luxembourg	3,069	3,213	2,728	Nigeria	966	1,104	562
France	393	269	1,049	Togo	0	0	0
Germany	17,647	21,678	19,040	Other countries	111	24	13
Italy	3,813	4,127	4,127	Total	1,183	1,152	587
Netherlands	6,637	9,757	7,842	VA fire and sun-cured:			
Austria	421	783	795	Germany	138	45	102
Denmark	2,975	3,186	3,474	Italy	48	64	0
Finland	608	786	535	Austria	22	30	17
Ireland	564	658	1,840	Denmark	0	0	0
Norway	1,114	1,004	1,091	Norway	374	415	366
Portugal	0	0	0	Sweden	628	327	157
Spain	1,416	1,524	1,425	Switzerland	49	27	7
Sweden	1,317	1,596	1,279	United Kingdom	225	0	180
Switzerland	1,638	2,527	3,174	Netherlands	0	0	0
United Kingdom	5,859	7,585	5,441	Other countries	44	258	0
Libya	0	0	0	Total	1,528	1,166	829
Egypt	0	0	1,687				
Syria	0	0	0				
Taiwan	17,474	7,034	12,716				
Hong Kong	5,466	11,662	4,918				
Indonesia	392	417	372				
Japan	28,260	33,056	15,377				
Malaysia	2,255	2,442	3,816				
Pakistan	228	320	190				
Philippines	789	1,220	1,582				

See footnotes at end of table.

Table 138.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1989-91—Continued

Type and country of destination	1989	1990	1991 ¹	Type and country of destination	1989	1990	1991 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Maryland:				Trimblings, stems, and scrap:			
Belgium and Luxemburg.....	196	20	68	Canada.....	121	22	200
Germany.....	384	572	743	Italy.....	984	173	732
Netherlands.....	259	45	52	Jamaica and Dep.....	0	5	15
Norway.....	0	0	0	Surinam.....	0	0	0
Egypt.....	0	0	0	Belgium and Luxemburg.....	701	262	396
Israel.....	130	212	140	France.....	358	235	108
Switzerland.....	680	312	443	Germany.....	3,794	2,530	4,329
Other countries.....	80	138	1,023	Netherlands.....	1,016	383	982
Total.....	1,729	1,299	2,469	Austria.....	0	0	115
Other unmanufactured, NSPF:				Denmark.....	2,018	1,934	1,976
Canada.....	81	127	334	Finland.....	148	182	202
Jamaica and Dep.....	153	108	161	Ireland.....	34	68	121
Dominican Republic.....	365	332	410	Norway.....	91	10	24
Chile.....	281	53	16	Sweden.....	1,429	636	1,030
Sweden.....	95	5	1	Switzerland.....	623	591	664
Finland.....	107	146	0	United Kingdom.....	1,064	1,194	2,000
United Kingdom.....	1,022	0	710	Ghana.....	0	0	0
Netherlands.....	1,279	69	19	Spain.....	238	542	446
France.....	810	1,060	779	Hong Kong.....	751	763	667
Germany.....	3,194	255	8	Japan.....	8,009	7,433	9,439
Spain.....	406	5,361	5,932	Malaysia.....	182	29	101
Czechoslovakia.....	0	78	0	Egypt.....	0	0	277
Israel.....	0	0	0	Singapore.....	256	266	213
United Arab Emirates.....	1,053	5	3	Australia.....	560	659	775
Thailand.....	0	0	3	New Zealand.....	113	95	51
Japan.....	12	186	9	Other countries.....	7,449	2,889	2,860
Australia.....	15	7	7	Total.....	29,939	20,901	27,723
Nigeria.....	111	100	108				
Other countries.....	1,854	1,862	1,556				
Total.....	10,838	9,754	10,056				

¹ Preliminary. ² Includes Re-Exports.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

CHAPTER III

STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

Table 139.—Cottonseed: All cotton area and cottonseed production, farm disposition, marketing year average price per ton received by farmers, and value, United States, 1977-91

Year	Harvested area of all cotton	Cottonseed				
		Production	Total sales to oil mills	Other ¹	Marketing year average price	Value of production
	<i>1,000 acres</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	13,275.3	5,521.4	4,832.1	689.3	70.30	388,035
1978	12,400.0	4,269.2	3,878.0	391.2	114.00	485,609
1979	12,830.9	5,778.3	4,779.2	999.1	121.00	697,617
1980	13,214.8	4,470.5	3,957.2	513.3	129.00	574,511
1981	13,841.2	6,396.9	5,101.5	1,295.4	86.00	549,041
1982	9,733.9	4,743.9	3,581.1	1,162.8	77.00	366,240
1983	7,347.5	3,075.7	2,460.5	615.2	166.00	511,450
1984	10,379.1	5,148.9	4,291.4	857.5	99.50	511,953
1985	10,229.0	5,279.2	3,755.7	1,523.5	66.00	347,640
1986	8,468.4	3,800.9	2,990.5	810.4	80.00	303,965
1987	10,030.3	5,769.2	4,590.1	1,179.1	82.50	474,703
1988	11,948.2	6,061.8	4,828.6	1,233.2	118.00	718,255
1989	9,537.7	4,677.4	3,365.4	1,312.0	105.00	492,683
1990	11,731.6	5,968.5	4,311.2	1,657.3	121.00	722,313
1991 ²	12,959.5	6,925.5	4,667.2	2,258.3	71.50	493,865

¹ Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. ² Preliminary.
National Agricultural Statistics Service.

Table 140.—Cottonseed: Production, farm disposition, and marketing year average price per ton received by farmers, by States, 1989-90

State	Production			Total sales to oil mills			Other ²			Price per ton for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL	140.0	139.0	196.0	52.0	76.0	107.0	88.0	63.0	89.0	96.00	96.50	61.00
AZ	423.0	380.0	409.0	246.0	194.0	237.0	177.0	186.0	172.0	111.00	136.00	82.00
AR	335.0	431.0	718.0	282.0	411.0	642.0	53.0	20.0	76.0	97.50	106.00	62.50
CA	1,040.0	1,079.0	1,073.0	502.0	333.0	183.0	538.0	746.0	890.0	93.50	148.00	104.00
FL	10.4	17.0	28.0	9.9	16.0	20.0	5	1.0	8.0	90.00	100.00	53.00
GA	123.0	144.0	260.0	40.0	33.0	39.0	83.0	111.0	221.0	105.00	127.00	55.50
KS	1	3	5	1	3	2	0	0	3	124.00	115.00	70.00
LA	319.0	446.0	522.0	244.0	341.0	415.0	75.0	105.0	107.0	110.00	116.00	64.00
MS	601.0	732.0	876.0	580.0	716.0	809.0	21.0	16.0	67.0	99.00	110.00	60.00
MO	104.0	124.0	171.0	98.0	114.0	158.0	6.0	10.0	13.0	95.00	107.00	60.00
NM	39.0	48.0	31.0	22.0	13.0	13.0	17.0	35.0	18.0	128.00	143.00	88.00
NC	49.0	91.0	229.0	22.0	38.0	51.0	27.0	53.0	178.0	100.00	112.00	53.00
OK	74.0	150.0	101.0	68.0	138.0	87.0	6.0	12.0	14.0	124.00	107.00	68.00
SC	54.0	50.0	121.0	33.0	24.0	44.0	21.0	26.0	77.0	101.00	121.00	53.50
TN	176.0	192.0	277.0	163.0	190.0	263.0	13.0	2.0	14.0	102.00	112.00	62.50
TX	1,189.0	1,943.0	1,903.0	1,003.0	1,673.0	1,599.0	186.0	270.0	304.0	119.00	116.00	71.00
VA	.9	2.2	10.0	.4	.9	0.0	.5	1.3	10.0	100.00	112.00	53.00
US	4,677.4	5,968.5	6,925.5	3,365.4	4,311.2	4,667.2	1,312.0	1,657.3	2,258.3	105.00	121.00	71.50

¹ Preliminary. ² Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses.
National Agricultural Statistics Service.

Table 141.—Cottonseed: Crushings, output of products and product prices, United States, 1977-90

Year beginning August	Quantity crushed	Cottonseed products and prices				Year beginning August	Quantity crushed	Cottonseed products and prices			
		Crude oil		Cake and meal				Crude oil		Cake and meal	
		Quantity	Price ¹	Quantity	Price ²			Quantity	Price ¹	Quantity	Price ²
	1,000 tons	Mil- lion pounds	Cents per pound	1,000 tons	Dollars per ton		1,000 tons	Mil- lion pounds	Cents per pound	1,000 tons	Dollars per ton
1977.....	4,313	1,453	25.4	2,083	139.70	1984.....	3,514	1,174	29.2	1,732	99.40
1978.....	4,127	1,282	31.6	1,885	164.80	1985.....	3,417	1,070	17.6	1,526	134.30
1979.....	4,230	1,423	25.3	2,049	164.13	1986.....	2,520	781	17.7	1,112	148.55
1980.....	4,076	1,191	25.9	1,790	197.06	1987.....	3,396	1,204	22.0	1,647	178.50
1981.....	4,575	1,551	20.1	2,190	156.15	1988.....	3,730	1,243	20.0	1,689	185.00
1982.....	3,800	1,134	21.8	1,588	176.65	1989.....	2,974	1,039	23.3	1,327	163.30
1983.....	2,583	777	32.8	1,134	190.20	1990.....	3,372	1,154	22.3	1,695	130.75

¹ Tanks, f.o.b. Valley Points. ² 41 percent protein, solvent, Memphis.

Economic Research Service. Compiled from annual reports of the U.S. Department of Commerce.

Table 142.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1978-91 ¹

Year beginning August	Cottonseed quality analysis ²					Quantity ³	Quality ⁴	Average grade ⁵	Samples graded ⁶
	Oil	Ammonia	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1978.....	17.4	4.08	10.5	.9	1.5	98.97	98.5	98.0	50,418
1979.....	17.6	3.92	10.3	1.0	1.7	98.92	97.7	97.0	56,792
1980.....	16.9	4.08	10.4	.9	1.7	97.17	98.0	95.5	38,224
1981.....	17.2	3.97	10.1	.8	2.0	97.69	98.1	96.0	50,636
1982.....	17.5	3.89	10.9	1.1	1.4	98.22	98.0	96.5	33,612
1983.....	17.0	4.02	11.0	.7	1.6	97.12	98.4	96.0	24,549
1984.....	17.0	3.94	11.4	2.1	1.7	96.63	93.8	90.5	39,970
1985.....	17.3	3.94	10.8	1.4	1.4	97.72	96.4	94.6	35,586
1986.....	17.3	3.96	11.1	1.2	1.8	98.04	97.1	95.3	25,414
1987.....	18.3	4.06	9.4	.6	1.6	101.09	98.9	100.2	33,210
1988.....	17.9	4.02	10.2	.9	1.3	99.96	98.6	98.9	36,235
1989.....	18.0	3.96	9.9	.7	1.5	100.51	98.9	99.6	24,301
1990.....	17.4	4.09	10.1	.8	1.3	99.00	98.9	97.9	30,350
1991.....	18.0	3.92	10.2	.8	1.6	100.45	98.6	99.1	32,978

¹ U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. ² These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades.³ The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, and ammonia. ⁴ The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter and free fatty acids. ⁵ The average grade is the product of the quantity index times the quality index. The base grade is 100.0. ⁶ Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture.

Agricultural Marketing Service.

Table 143.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination 1988/89–1990/91 (Marketing year October–September)

Continent and country of destination	Cottonseed oil ¹			Cottonseed cake and meal		
	1988/89	1989/90	1990/91 ²	1988/89	1989/90	1990/91 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America; incl. Caribbean:						
Canada.....	5,567	7,292	7,595	399	480	1,378
Costa Rica.....	0	0	0	0	0	0
Dominican Republic.....	6	11,061	0	0	0	0
El Salvador.....	22,635	28,921	12,460	0	0	0
Guatemala.....	5,501	500	400	0	0	0
Mexico.....	2,844	3,199	4,961	13,178	4,986	18,363
Netherlands Antilles.....	107	0	0	0	0	0
Panama.....	56	0	325	0	0	0
Other countries.....	1,370	275	637	0	0	0
Total ³	38,086	51,248	26,378	13,577	5,466	19,741
South America:						
Colombia.....	0	0	174	0	78	0
Ecuador.....	1	0	0	0	0	0
Peru.....	6	6	0	0	0	0
Venezuela.....	54,985	20,581	3,672	0	0	0
Other countries.....	0	0	0	66	56	126
Total ³	54,992	20,587	3,846	66	134	126
Europe:						
Austria.....	0	0	0	1,839	2,065	1,947
Belgium and Luxembourg.....	0	0	13	0	50	21
Denmark.....	11	0	0	109	168	306
France.....	0	0	0	34	204	138
Germany, Fed. Rep. of.....	52	37	8	60	394	945
Ireland.....	20	0	0	18	255	218
Netherlands.....	4,249	3,200	1,002	283	785	1,121
Switzerland.....	3	0	0	0	0	0
United Kingdom.....	12	0	0	10	85	109
Other countries.....	1,500	0	0	3,254	3,029	2,410
Total ³	5,847	3,237	1,023	5,607	7,035	7,215
Africa:						
Egypt.....	32,873	6,548	29,368	0	0	0
Other countries.....	2,500	31	5,004	0	0	0
Total ³	35,373	6,579	34,372	0	0	0
Asia:						
Hong Kong.....	74	143	102	0	0	10
Israel.....	0	0	0	0	0	0
Japan.....	29,417	46,423	29,505	669	1,003	751
Korea, Rep. of.....	20,381	31,522	17,805	427	126	359
Pakistan.....	0	0	0	0	0	0
Philippines.....	3	0	0	18	0	0
Saudi Arabia.....	0	0	0	0	0	0
Other countries.....	20	16	0	60	708	120
Total ³	49,895	78,104	47,412	1,174	1,837	1,240
Oceania.....	221	696	5	29	424	586
Grand total ³	184,413	160,452	113,036	20,453	14,897	28,907

¹ Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. ² Preliminary. ³ May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 144.—Cottonseed: Area, yield, and production in specified countries, 1989/90–1991/92 ¹

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North American and Caribbean:									
Mexico	188	186	257	1.78	1.83	1.50	335	340	386
United States	3,860	4,748	5,197	1.10	1.14	1.18	4,243	5,415	6,132
Total 4	4,068	4,952	5,472	1.13	1.16	1.19	4,587	5,762	6,525
South America:									
Argentina	570	630	630	0.77	0.78	0.73	440	490	460
Brazil	1,872	1,915	2,170	0.62	0.61	0.65	1,165	1,170	1,420
Colombia	188	260	253	0.93	1.10	1.10	175	285	278
Paraguay	509	550	500	0.75	0.78	0.76	380	430	380
Peru	135	114	97	0.87	1.07	1.03	118	122	100
Total 4	3,368	3,559	3,738	0.70	0.72	0.72	2,351	2,571	2,708
Europe:									
Greece	278	282	230	1.49	1.21	1.35	413	340	310
Spain	68	83	80	1.44	1.41	1.25	98	117	100
Total 4	387	407	352	1.38	1.18	1.21	535	482	425
Former USSR	3,333	3,171	3,010	1.53	1.54	1.48	5,106	4,880	4,451
Africa:									
Cameroon	90	95	100	1.11	1.16	1.13	100	110	113
Egypt	422	417	390	1.27	1.37	1.34	535	570	524
Mali	170	190	195	1.08	1.05	1.15	184	200	225
South Africa, Republic of	165	127	105	0.73	0.67	0.62	120	85	65
Sudan	279	179	197	0.97	1.07	0.96	272	191	190
Tanzania, United Republic of	260	320	400	0.35	0.38	0.38	90	120	150
Zimbabwe	229	273	236	0.51	0.47	0.23	116	127	55
Total 4	3,245	3,363	3,555	0.67	0.68	0.62	2,160	2,279	2,193
Asia:									
China (mainland)	5,203	5,588	6,350	1.24	1.37	1.52	6,440	7,665	9,624
India	7,331	7,355	7,265	0.60	0.53	0.54	4,400	3,900	3,900
Iran	228	229	204	0.66	0.70	0.74	151	160	151
Israel	30	32	12	2.53	2.59	2.92	76	88	35
Pakistan	2,598	2,662	2,776	1.12	1.23	1.57	2,910	3,275	4,355
Syria	158	156	170	1.79	1.86	2.08	283	290	354
Turkey	725	641	598	1.24	1.46	1.48	900	939	884
Total 4	16,721	17,134	17,849	0.92	0.97	1.10	15,408	16,632	19,599
Australia	240	270	268	2.05	2.55	2.13	493	689	571
World Total 4	31,451	32,952	34,333	0.98	1.01	1.07	30,763	33,430	36,586

¹ Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. ² Harvested area as far as possible. ³ Preliminary. ⁴ Includes other countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 145.—Flaxseed: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area planted	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Marketing year average price per bushel received by farmers	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1977	1,330	1,239	11.5	14,280	639	13,641	4.54	64,865
1978	710	687	12.5	8,614	476	8,138	5.74	49,435
1979	922	878	13.7	12,014	551	11,463	6.01	71,627
1980	759	663	11.7	7,728	(2)	(2)	7.21	55,615
1981	605	577	12.6	7,289	(2)	(2)	6.67	49,008
1982	780	735	14.0	10,278	(2)	(2)	5.17	53,341
1983	605	580	11.9	6,903	(2)	(2)	6.84	46,925
1984	555	538	13.1	7,022	(2)	(2)	6.09	42,739
1985	620	584	14.2	8,293	(2)	(2)	5.05	41,912
1986	720	683	16.9	11,538	(2)	(2)	3.47	39,962
1987	470	463	16.1	7,444	(2)	(2)	3.39	25,188
1988	275	226	7.1	1,615	(2)	(2)	7.56	12,200
1989	195	163	7.5	1,215	(2)	(2)	7.20	8,724
1990	260	253	15.1	3,812	(2)	(2)	5.27	20,108
1991 ¹	351	337	18.1	6,100	(2)	(2)	3.50	21,415

¹ Preliminary. ² Series discontinued.
National Agricultural Statistics Service.

Table 146.—Flaxseed: Supply and disappearance, United States, 1977-90

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings ¹	Total domestic disappearance ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977	2,961	14,280	859	18,100	557	1,001	11,615	11,784
1978	5,315	8,614	1,557	15,486	724	91	13,009	12,811
1979	2,584	12,014	1,916	16,514	650	174	12,425	11,322
1980	5,018	7,728	2,510	15,256	547	76	11,927	12,447
1981	2,733	7,789	3,502	13,524	691	11	11,231	11,574
1982	1,950	10,278	1,921	14,149	486	638	8,722	10,937
1983	3,212	6,903	4,756	14,871	438	52	12,733	13,155
1984	1,716	7,022	3,796	12,534	511	238	9,935	10,885
1985	1,649	8,293	2,927	12,869	517	250	10,313	11,240
1986	1,629	11,538	2,224	15,391	362	1,448	10,000	12,090
1987	3,301	7,444	2,925	13,671	223	156	10,800	11,346
1988	2,325	1,615	6,730	10,670	158	764	8,500	9,363
1989	1,307	1,215	7,260	9,782	211	1,054	8,250	9,538
1990 ³	244	3,812	6,715	10,771	284	549	8,800	9,930

¹ From domestic and imported seed. ² Total supply minus exports and stocks June 1 of following year.
³ Preliminary.
Economic Research Service.

Table 147.—Flaxseed: Area, yield, and production, by States, 1989-91

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
MN	10	15	30	9	14	27	10.5	17.0	20.0	95	238	540
ND	170	220	280	140	215	270	7.0	14.5	18.0	980	3,118	4,860
SD	15	25	35	14	24	34	10.0	19.0	17.0	140	456	578
Oth Sts ²			6			6			20.3			122
US ³	195	260	351	163	253	337	7.5	15.1	18.1	1,215	3,812	6,100

¹ Preliminary. ² Estimates began with the 1991 crop. ³ Estimates for 1989 and 1990 include only MN, ND, and SD. Estimates for 1991 include all States except AK and HI.
National Agricultural Statistics Service.

Table 148.—Flaxseed: ¹ Area, yield, and production in specified countries and the world, 1989/90–1991/92

Continent and country	Harvested area			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ²	1989/90	1990/91	1991/92 ²	1989/90	1990/91	1991/92 ²
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	598	725	530	0.83	1.29	1.30	498	935	691
Mexico.....	3	3	3	1.00	1.00	1.00	3	3	3
United States.....	66	102	136	0.47	0.95	1.14	31	97	155
Total.....	667	830	669	0.80	1.25	1.27	532	1,035	849
Argentina.....	575	575	420	0.90	0.83	0.86	516	480	360
Uruguay.....	4	4	4	0.75	0.75	0.75	3	3	3
Total.....	579	579	424	0.90	0.83	0.86	519	483	363
Europe:									
Belgium-Luxembourg.....	12	12	10	0.58	0.67	0.80	7	8	8
France ³	56	55	37	0.54	0.64	0.59	30	35	22
Italy.....	1	1	1	1.00	1.00	1.00	1	1	1
Netherlands.....	6	7	8	1.17	1.14	1.13	7	8	9
United Kingdom.....	18	37	100	1.67	1.84	1.70	30	68	170
Total EC.....	93	112	160	0.81	1.07	1.36	75	120	218
Czechoslovakia.....	30	30	30	0.50	0.50	0.50	15	15	15
Hungary.....	6	6	6	1.17	1.17	1.17	7	7	7
Poland.....	30	30	27	0.37	0.37	0.37	11	11	10
Romania.....	79	50	43	0.62	0.56	0.60	49	28	26
Total Eastern Europe.....	145	116	106	0.57	0.53	0.55	82	61	58
Total Europe.....	238	228	266	0.66	0.79	1.04	157	181	276
Former USSR ⁴	965	850	850	0.24	0.19	0.21	227	160	180
Africa:									
Egypt.....	17	13	15	1.35	1.38	1.33	23	18	20
Asia:									
Bangladesh.....	71	70	70	0.54	0.57	0.57	38	40	40
India.....	1,124	1,148	1,100	0.29	0.30	0.32	326	339	350
Iran.....	3	3	3	1.00	1.00	1.00	3	3	3
Pakistan ⁵	10	10	10	0.60	0.60	0.60	6	6	6
Turkey.....	8	8	8	0.50	0.50	0.50	4	4	4
Total.....	1,216	1,239	1,191	0.31	0.32	0.34	377	392	403
Oceania:									
Australia ⁶	2	4	6	1.00	1.50	1.00	2	6	6
World Total.....	3,684	3,743	3,421	0.50	0.61	0.61	1,837	2,275	2,097

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1986 was combined with the Southern Hemisphere harvest which began late in 1986 and ended early in 1987. ² Preliminary. ³ Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. ⁴ Includes fiber flax area and seed production. ⁵ Flaxseed from area grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 149.—Flaxseed: Marketing year average price and value of production, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per bushel			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
MN.....	6.74	5.58	3.45	640	1,328	1,863
ND.....	7.25	5.21	3.50	7,105	16,245	17,010
SD.....	6.99	5.56	3.60	979	2,535	2,081
Oth Sts ²			3.75			461
US ³	7.20	5.27	3.50	8,724	20,108	21,415

¹ Preliminary. ² Estimates began with the 1991 crop. ³ Estimates for 1989 and 1990 include only MN, ND, and SD. Estimates for 1991 include all States except AK and HI.
National Agricultural Statistics Service.

Table 150.—Flaxseed: Price-support operations, United States, 1976-90

Year beginning July	Support price		Put under support ²		Acquired by CCC under support program ³	Owned by CCC June 30
	Per bushel	Percentage of parity ¹	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1977.....	(*)					
1978.....	4.50	48				
1979.....	4.50	43				
1980.....	4.50	39				
1981.....	(*)					
1982.....	(*)					
1983.....	(*)					
1984.....	(*)					
1985.....	(*)					
1986.....	(*)					
1987.....	(*)					
1988.....	(*)					
1989.....	(*)					
1990.....	(*)					

¹ Percentage of the parity price as of the beginning of the marketing year. ² Includes loans made, purchase agreements entered into, and direct purchases. ³ Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year. ⁴ Price support not authorized for 1976 to 1977 and from 1981 through 1990.

Agricultural Stabilization and Conservation Service.

Table 151.—Flaxseed and linseed oil and meal: Average price Minneapolis, 1977-90

Year ¹	Average price received by farmers	Minneapolis		Year ¹	Average price received by farmers	Minneapolis	
		Oil, per pound ²	Meal, per ton ³			Oil, per pound ²	Meal, per ton ³
	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>
1977.....	4.54	25.1	137.91	1984.....	6.09	32.0	99.00
1978.....	5.74	24.2	143.20	1985.....	5.05	30.8	102.60
1979.....	5.97	30.1	155.80	1986.....	3.47	26.4	112.00
1980.....	7.20	30.0	162.80	1987.....	3.39	24.7	130.25
1981.....	6.67	30.5	156.00	1988.....	7.56	39.5	178.45
1982.....	5.17	25.2	143.40	1989.....	7.20	40.2	139.30
1983.....	6.84	30.1	155.25	1990.....	5.27	38.0	130.10

¹ Year beginning June 1. ² Raw oil in tank cars. ³ Bulk carlots, 34 percent protein.

Economic Research Service.

Table 152.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1977-90

Year Beginning June	Total flaxseed crushed	Linseed oil				Linseed cake and meal		
		Stocks June 1	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	Million pounds	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1977.....	11,615	88	232	(1)	25	218	4	111
1978.....	13,009	70	259	(1)	54	244	3	135
1979.....	12,425	44	256	(1)	38	233	2	161
1980.....	11,927	54	251	(1)	51	225	2	129
1981.....	11,231	56	237	(1)	54	220	2	152
1982.....	8,722	50	182	(1)	21	170	2	79
1983.....	12,735	35	265	(1)	15	249	2	125
1984.....	9,935	48	194	(1)	15	179	1	60
1985.....	10,313	33	205	(1)	6	184	3	75
1986.....	10,000	39	201	(1)	6	185	2	63
1987.....	10,800	51	217	(1)	8	198	2	59
1988.....	8,500	41	170	(1)	12	156	11	63
1989.....	8,250	48	165		12	153	9	23
1990 *.....	8,800	37	176		6	162	3	41

¹ Less than 500,000 pounds. ² Less than 500 tons. ³ Not included to avoid disclosure. ⁴ Preliminary. Economic Research Service.

Table 153.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1988/89-1990/91 ¹

Continent and country of destination	Flaxseed			Linseed oil ³			Linseed cake and meal		
	1988/89	1989/90	1990/91	1988/89	1989/90	1990/91	1988/89	1989/90	1990/91
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North America:									
Canada.....	138	9,007	154	2,385	1,946	494	1,109	947	1,432
Costa Rica.....	0	0	0	16	4	0	0	0	0
Honduras.....	0	0	0	0	1	0	0	0	0
Mexico.....	1,757	216	65	3,097	2,936	1,675	0	0	116
Panama.....	0	0	0	0	20	12	0	0	0
Other countries.....	0	0	64	36	159	463	0	0	0
Total *.....	1,895	9,223	283	5,534	5,066	2,644	1,109	947	1,548
South America:									
Brazil.....	0	0	0	0	0	0	0	0	0
Peru.....	0	0	0	0	0	13	0	0	0
Venezuela.....	0	0	0	7	0	0	0	0	0
Other countries.....	0	0	0	0	15	5	0	0	0
Total *.....	0	0	0	7	15	18	0	0	0
Europe:									
Belgium and Luxembourg.....	0	277	141	0	0	0	0	0	0
Denmark.....	13	56	51	0	0	0	0	0	0
France.....	13	1,905	1,835	0	20	0	0	0	0
Germany.....	1,247	3,357	2,454	0	0	0	2,678	1,398	6,718
Italy.....	25	86	0	0	0	0	0	0	0
Netherlands.....	15,827	10,487	9,073	0	0	86	53,235	18,949	28,711
Spain.....	0	0	0	0	1	0	0	0	0
Sweden.....	0	19	62	5	22	23	0	0	0
Switzerland.....	0	158	0	0	0	0	0	0	0
United Kingdom.....	0	0	0	14	2	0	0	0	0
Other countries.....	396	1,221	44	0	0	0	0	0	0
Total *.....	17,521	17,547	13,660	19	45	109	55,913	20,347	35,429
Soviet Union.....	0	0	0	0	0	0	0	0	0

See footnotes at end of table.

Table 153.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1988/92–1990/91 ¹—Continued

Continent and country of destination	Flaxseed			Linseed oil ³			Linseed cake and meal		
	1988/89	1989/90	1990/91	1988/89	1989/90	1990/91	1988/89	1989/90	1990/91
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Africa and Middle East	0	0	0	0	47	12	0	0	0
Asia:									
Japan	0	0	0	3	36	0	0	0	128
Korea, Rep. of	0	0	0	5	1	0	0	0	0
Philippines	0	0	0	17	0	19	0	0	0
Other countries	0	0	0	7	4	92	73	0	0
Total ⁴	0	0	0	32	41	111	73	0	128
Oceania:									
Australia	0	0	0	6	4	20	0	0	0
Other countries	0	0	0	7	10	15	0	0	0
Total ⁴	0	0	0	13	14	35	0	0	0
Grand total	19,416	26,771	13,944	5,606	5,228	2,927	57,095	21,294	37,106

¹ For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1. ² Preliminary.³ Crude and refined combined as such. ⁴ Total may not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 154.—Peanuts: Area, yield, production, disposition, marketing year average price per pound received by farmers, and value, United States, 1977–91

Crop of—	Area planted	Peanuts for nuts						
		Area harvested	Yield per acre	Production ¹	Used on farms where produced	Sold	Marketing year average	Value of production
					Fed and household use			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1977	1,540.6	1,512.4	2,456	3,715,055	25,231	3,689,824	21.0	780,869
1978	1,540.8	1,509.1	2,619	3,952,384	26,369	3,926,015	21.1	833,885
1979	1,545.9	1,519.7	2,611	3,968,485	26,297	3,942,188	20.6	819,276
1980	1,521.4	1,399.8	1,645	2,302,762	(²)	(²)	25.1	578,635
1981	1,514.0	1,488.7	2,675	3,981,850	(²)	(²)	26.9	1,069,526
1982	1,311.4	1,277.4	2,693	3,440,255	(²)	(²)	25.1	862,686
1983	1,411.0	1,373.5	2,399	3,295,530	(²)	(²)	24.7	814,579
1984	1,558.6	1,528.0	2,883	4,405,945	(²)	(²)	27.9	1,230,720
1985	1,490.4	1,467.4	2,810	4,122,787	(²)	(²)	24.4	1,003,412
1986	1,564.7	1,535.2	2,408	3,697,085	(²)	(²)	29.2	1,074,487
1987	1,567.4	1,547.4	2,337	3,616,010	(²)	(²)	28.0	1,021,870
1988	1,657.4	1,628.4	2,445	3,980,917	(²)	(²)	27.9	1,115,202
1989	1,665.2	1,644.7	2,426	3,989,995	(²)	(²)	27.8	1,116,452
1990	1,840.0	1,809.5	1,991	3,602,770	(²)	(²)	34.9	1,257,185
1991 ³	2,039.2	2,015.7	2,444	4,926,570	(²)	(²)	28.3	1,392,296

¹ Net weight basis; estimates comprised of quota and non-quota peanuts.² Series discontinued.³ Preliminary.

National Agricultural Statistics Service.

Table 155.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1977-91

Year beginning August	Stocks Aug. 1 ¹	Production harvested for nuts ¹	Total supply	Milled ^{1 2}
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1977	54,366	3,715,055	3,769,421	3,348,732
1978	28,651	3,952,384	3,981,035	3,423,965
1979	13,513	3,968,485	3,981,998	3,502,322
1980	63,442	2,302,762	2,366,204	1,887,992
1981	28,328	3,981,850	4,010,178	3,610,896
1982	84,948	3,440,255	3,525,203	3,248,166
1983	51,440	3,295,530	3,346,970	3,149,878
1984	8,758	4,405,745	4,414,503	4,155,496
1985	171,949	4,122,787	4,294,736	3,966,300
1986	48,381	3,697,085	3,745,466	3,621,444
1987	25,894	3,616,010	3,641,904	3,440,176
1988	4,622	3,980,917	3,985,539	3,621,062
1989	51,248	3,989,995	4,041,243	3,889,374
1990	29,541	3,602,770	3,632,311	3,213,610
1991	41,559	4,926,570	4,968,129	

¹ Net weight basis. ² Includes peanuts milled for seed.

National Agricultural Statistics Service.

Table 156.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1977-91

Year beginning August	Peanuts crushed (shelled basis)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 ¹	Production of crude	Imports	Exports ²	Stocks Aug. 1 ³	Production
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1977	366,227	221,545	150,971	25	126,547	11,719	208,144
1978	395,951	46,029	164,284	46	40,488	10,933	217,988
1979	429,116	53,189	179,695	63	15,634	1,019	236,228
1980	335,528	44,076	137,848	82	47,522	8,830	187,204
1981	431,480	37,788	175,028	203	40,865	7,335	237,290
1982	256,436	57,889	106,962	3,713	5,181	9,705	141,546
1983	291,084	(*)	119,008	646	7,097	4,008	159,340
1984	470,264	32,425	187,283	2,174	29,383	13,962	264,658
1985	610,897	17,725	256,545	529	92,799	32,758	336,232
1986	386,388	61,865	152,423	2,429	6,418	17,939	214,526
1987	421,214	49,411	168,263	33,058	7,053	4,445	247,851
1988	612,200	23,769	250,498	1,870	11,312	12,095	348,662
1989	469,351	37,669	193,000	1,208	18,536	29,349	261,465
1990	517,712	24,166	213,112	(*)	(*)	14,702	299,820
1991	(*)	(*)	(*)	(*)	(*)	(*)	(*)

¹ Crude plus refined. ² Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting. ³ Holding at producing mills only. ⁴ Not available.

National Agricultural Statistics Service, Economic Research Service, and Bureau of the Census.

Table 157.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1976-90

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports ¹	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1977	18,157	198,076	413	216,646	64,284	126,724	56
1978	25,638	233,497	413	259,548	94,612	116,737	52
1979	48,199	183,831	424	232,454	64,810	137,053	61
1980	30,591	104,053	3,597	138,241	33,071	90,789	40
1981	14,351	231,580	6	245,967	77,998	122,743	54
1982	45,226	232,998	844	279,068	51,321	155,948	67
1983	71,799	124,507	298	196,604	39,509	133,773	57
1984	23,322	256,014	79	279,418	72,907	139,121	59
1985	67,389	213,928	1,493	282,812	83,747	152,349	63
1986	46,716	208,244	328	255,288	75,687	139,404	57
1987	39,902	194,002	880	234,784	76,345	111,522	45
1988	46,029	240,619	650	287,298	105,746	132,289	53
1989	49,262	237,618	55	286,935	126,682	115,422	46
1990	44,824	225,418	9	270,251	118,664	(2)	(2)
1991	(2)						

¹ Prior to 1983 includes shipments to Puerto Rico. ² Not available.

National Agricultural Statistics Service and Economic Research Service. Foreign trade from the Bureau of the Census.

Table 158.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1977-91

Year beginning August	Supply						Exports ¹	Crushed
	Stocks Aug. 1		Production		Imports	Total		
	Edible	Oil stock ²	Edible	Oil stock				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1977.....	372,518	29,803	1,881,663	468,753	148	2,752,885	720,892	366,227
1978.....	358,984	37,366	1,943,628	435,972	139	2,776,089	783,236	395,951
1979.....	348,002	46,435	2,003,011	486,981	140	2,884,569	745,828	429,116
1980.....	371,658	29,491	993,306	286,868	300,710	1,982,033	353,683	335,528
1981.....	268,276	10,366	2,087,924	387,790	4,632	2,758,991	374,812	431,480
1982.....	450,449	20,574	1,887,011	283,141	1,323	2,642,498	473,416	256,436
1983.....	537,855	19,208	1,776,069	342,477	1,715	2,677,324	529,949	291,084
1984.....	402,449	33,063	2,414,852	422,026	2,167	3,274,557	592,333	470,264
1985.....	860,508	30,407	2,238,427	496,928	1,942	3,628,212	721,690	610,897
1986.....	559,256	4,734	2,123,054	299,651	1,598	2,988,293	441,954	386,388
1987.....	683,622	21,300	2,015,144	301,379	1,949	3,023,394	407,557	421,214
1988.....	565,779	22,647	2,095,351	406,626	2,094	3,092,497	437,867	612,200
1989.....	513,679	44,397	2,319,780	374,859	1,477	3,254,192	577,807	469,351
1990.....	455,586	15,194	1,836,052	330,102	20,571	2,657,505	401,149	517,712
1991.....	(2)	(2)						

¹ Prior to 1983 includes shipments to Puerto Rico. Includes all peanut export categories except peanuts not shelled or not roasted. ² Includes ungraded and straight run oil stock peanuts. ³ Not available.

National Agricultural Statistics Service and Economic Research Service. Foreign trade from the U.S. Bureau of the Census.

Table 159.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1977-90

Type, and year beginning August	Shelled uses						Apparent disappear- ance (cleaned in shell) ²
	Peanut butter ¹	Peanut butter sand- wiches	Salted	Candy	Other	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Virginia:							
1977.....	49,517	3,994	88,773	44,260	2,164	188,708	.....
1978.....	48,824	4,655	91,426	48,424	2,531	195,860	.....
1979.....	47,462	7,353	83,755	27,899	2,493	168,962	.....
1980.....	26,142	2,487	50,095	18,903	1,137	98,764	.....
1981.....	33,862	2,600	84,608	15,701	1,371	138,142	.....
1982.....	74,427	2,358	114,593	21,130	2,678	215,186	.....
1983.....	41,915	2,176	101,980	15,402	1,795	163,268	.....
1984.....	44,612	2,123	96,181	31,276	2,048	176,237	.....
1985.....	52,555	1,939	113,577	32,900	5,286	206,557	.....
1986.....	55,555	5,850	171,679	27,591	20,090	280,765	.....
1987.....	35,492	7,349	120,084	40,251	13,811	216,987	.....
1988.....	68,738	6,698	112,101	37,145	16,448	241,130	.....
1989.....	90,622	n.a.	130,000	28,701	13,691	263,014	.....
1990.....	99,218	n.a.	141,915	26,072	17,237	284,442	.....
Runner:							
1977.....	492,439	23,020	144,309	126,101	13,735	799,604	.....
1978.....	546,001	22,528	158,262	158,258	13,949	898,998	.....
1979.....	600,920	22,303	155,469	183,612	14,607	976,911	.....
1980.....	529,923	21,289	127,430	177,098	15,327	871,067	.....
1981.....	596,231	19,534	162,967	199,351	12,356	990,439	.....
1982.....	578,488	19,109	157,546	223,338	13,137	991,618	.....
1983.....	596,617	21,738	164,389	237,075	12,429	1,032,248	.....
1984.....	626,305	23,440	175,404	209,765	15,962	1,050,877	.....
1985.....	605,696	22,261	207,503	240,198	16,192	1,091,850	.....
1986.....	575,509	27,611	169,715	261,630	18,694	1,053,159	.....
1987.....	623,457	37,722	220,511	249,673	21,485	1,152,848	.....
1988.....	720,099	21,098	237,008	259,680	18,367	1,256,252	.....
1989.....	773,985	n.a.	234,661	278,062	20,102	1,306,810	.....
1990.....	582,069	n.a.	188,939	260,014	19,464	1,050,486	.....
Spanish:							
1977.....	81,870	1,182	41,137	64,858	2,783	191,830	.....
1978.....	70,112	884	41,926	61,753	2,625	177,300	.....
1979.....	51,643	681	45,650	46,845	2,213	147,032	.....
1980.....	32,491	302	27,964	41,889	3,224	105,870	.....
1981.....	23,617	525	30,379	40,810	1,544	96,875	.....
1982.....	24,688	464	35,980	39,688	1,144	101,963	.....
1983.....	32,898	365	35,602	45,588	1,245	115,698	.....
1984.....	26,219	677	37,466	49,276	1,191	114,831	.....
1985.....	42,735	424	37,463	40,739	2,039	123,400	.....
1986.....	48,309	397	42,892	31,970	2,281	125,849	.....
1987.....	42,487	737	33,178	35,659	2,495	114,556	.....
1988.....	43,091	577	32,372	30,082	1,163	107,285	.....
1989.....	32,711	n.a.	28,150	23,395	2,889	87,145	.....
1990.....	60,624	n.a.	23,841	19,319	1,388	105,172	.....
All types:							
1977.....	623,826	28,196	274,219	235,219	18,682	1,180,142	190,593
1978.....	664,337	28,067	291,614	268,435	19,105	1,272,158	210,935
1979.....	700,025	30,337	284,874	258,356	19,313	1,292,905	201,441
1980.....	588,556	24,078	205,489	237,890	19,688	1,075,701	120,263
1981.....	653,710	22,659	277,954	255,862	15,271	1,225,456	200,735
1982.....	677,602	21,930	308,118	284,156	16,959	1,308,765	206,425
1983.....	671,430	24,279	301,971	298,065	15,469	1,311,214	172,984
1984.....	697,137	26,240	309,050	290,318	19,201	1,341,945	211,947
1985.....	701,289	24,623	358,542	313,836	23,515	1,421,805	234,501
1986.....	679,373	33,858	384,286	321,191	41,065	1,458,773	215,058
1987.....	701,436	45,808	373,773	325,583	37,791	1,484,391	187,875
1988.....	831,928	28,373	381,481	326,907	35,978	1,604,667	237,386
1989.....	897,318	n.a.	392,811	330,158	36,682	1,656,969	242,056
1990.....	741,911	n.a.	354,695	305,405	38,089	1,440,100	229,641

¹ Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches. Beginning in 1989, includes peanut butter used in sandwiches. ² Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

National Agricultural Statistics Service and Economic Research Service.

Table 160.—Peanuts: Area, yield, and production, by States, 1989-91

State	Area planted			Peanuts for nuts								
	1989	1990	1991 ¹	Area harvested			Yield per harvested acre			Production ²		
				1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
AL	240.0	258.0	280.0	239.0	256.0	278.0	2,250	1,510	2,370	537,750	386,560	658,860
FL	95.0	102.0	123.0	87.0	94.0	110.0	2,470	2,480	2,360	214,890	233,120	259,600
GA	690.0	782.0	900.0	685.0	770.0	890.0	2,700	1,750	2,525	1,849,500	1,347,500	2,247,250
NM	18.2	20.0	22.7	18.2	20.0	22.5	2,400	2,500	2,200	43,680	50,000	49,500
NC	153.0	165.0	164.0	152.0	164.0	163.0	2,435	2,900	2,870	370,120	475,600	467,810
OK	99.0	107.0	110.0	98.0	106.0	107.0	2,150	2,220	2,300	210,700	235,320	246,100
SC	13.0	14.0	14.5	12.5	13.5	14.0	2,600	2,230	2,500	32,500	30,105	35,000
TX	265.0	295.0	330.0	262.0	289.0	325.0	1,850	1,850	2,050	484,700	534,650	666,250
VA	92.0	97.0	98.0	91.0	97.0	98.0	2,705	3,195	3,200	246,155	309,915	313,600
US	1,665.2	1,840.0	2,042.2	1,644.7	1,809.5	2,007.5	2,426	1,991	2,463	3,989,995	3,602,770	4,943,970

¹ Preliminary. ² Net weight basis; estimates comprised of quota and non-quota peanuts.
National Agricultural Statistics Service.

Table 161.—Peanuts for nuts: Marketing year average price, and value of production, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per pound			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL	28.5	27.1	29.4	153,259	104,758	193,705
FL	26.0	30.0	26.5	55,871	69,936	68,794
GA	27.4	33.8	28.3	506,763	455,455	635,972
NM	28.0	46.8	32.0	12,230	23,400	15,840
NC	29.2	34.9	28.2	108,075	165,984	131,922
OK	28.8	42.1	30.0	60,682	99,070	73,830
SC	33.0	39.8	29.7	10,725	11,982	10,395
TX	27.7	41.9	28.1	134,262	224,018	187,216
VA	30.3	33.1	28.2	74,585	102,582	88,435
US	27.8	34.2	28.5	1,116,452	1,257,185	1,406,109

¹ Preliminary.
National Agricultural Statistics Service.

Table 162.—Peanuts, farmers' stock: Price-support operations, United States, 1977-91

Year beginning August	Quota support price		Additional support level (per pound)	Put under support ^{2 3}		Owned by CCC July 31 ³
	Per pound	Percentage of parity ¹		Quantity	Percentage of production	
	<i>Cents</i>	<i>Percent</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>
1977 ⁴	21.525	75		535	14.4	2
1978	21.0	(⁵)	12.5	515	12.9	
1979	21.0	(⁵)	15.0	709	17.9	
1980	22.75	(⁵)	12.5	337	14.6	
1981	22.75	(⁵)	12.5	835	20.9	2
1982	27.50	(⁵)	10.0	539	15.7	
1983	27.5	(⁵)	9.3	367	11.1	
1984	27.5	(⁵)	9.3	1,370	30.9	
1985	27.5	(⁵)	9.3	1,359	33.0	
1986	30.4	(⁵)	7.5	290	7.8	
1987	30.4	(⁵)	7.5	700	19.3	
1988	30.8	(⁵)	7.5	540	13.6	
1989	30.8	(⁵)	7.5	401	10.0	0
1990	31.6	(⁵)	7.5	576	16.0	0
1991	32.1	(⁵)	7.5	1,070	21.7	0

¹ Percentage of the parity price as of the beginning of the marketing year. ² Includes loans made and direct purchases. ³ Includes shelled peanuts converted to farmers' stock basis. ⁴ The 1977 legislation authorized a two-price poundage quota program with declining minimum quota levels for 1978-81 crops. The 1981 legislation suspended allotments and continued the declining poundage quotas and the two-price program for 1982-85 crops. The 1985 legislation continued the suspension of allotments and the two-price program, but sets the poundage quota at estimated domestic edible, seed and related uses for the 1986-90 crops. 1990 legislation basically extended 1985 legislation with minor changes through the 1995-96 crop. Quota peanuts are those peanuts grown within the farm poundage quota. Additional peanuts are those peanuts grown in excess of the quota. ⁵ Not applicable. For 1978-86, support level was not based on parity.

Agricultural Stabilization and Conservation Service.

Table 163.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1981-90 ¹

Classification	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Southeastern area:										
Georgia, Alabama, and Florida:										
Shelled:										
Runner Jumbo	47½	47¾	58%	44¼	55%	78½	63%	60	57¼	102¾
Runner Medium	44¼	47%	56%	43	52%	74¼	60½	56½	55%	96¼
Runner U.S. Splits	44%	47%	55%	41	49%	64%	52¼	55%	55	111%
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy	41½	43%	63¼	34%	38¼	58	60%	46½	45%	69%
Shelled Virginias:										
Extra large	49¼	49	71¾	47½	55%	81	83%	63%	62½	95
Medium	47½	47¾	60	44½	53½	79½	65	58%	60½	98%
No. 2 with 70% splits	37%	45%	49%	40¼	44%	55%	46	51%	56½	91%
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1	54%	52%	59%	55%	52%	76%	57%	59%	56½	103¼
Spanish U.S. Splits	49½	48¼	55½	44	47%	65%	51%	56½	55%	108%
New Mexico:										
Handpicked unshelled Valencias ²	44½	43%	52%	39	39%	54%	n.a.	n.a.	n.a.	n.a.

¹ Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August, in the Southeastern and the Southwestern States. Prices are for shipment within 6 months. ² No U.S. grade standards apply to Valencia peanuts. n.a. not available.

Agricultural Marketing Service.

Table 164.—Peanuts: ¹ Area and production in specified countries and the world, 1989-90/1991-92

Continent and country	Area ²			Yield per hectare			Production		
	1989/ 90	1990/ 91	1991/ 92 ³	1989/ 90	1990/ 91	1991/ 92 ³	1989/ 90	1990/ 91	1991/ 92 ³
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America and Caribbean:									
Mexico.....	85	81	85	1.18	1.25	1.18	100	101	100
United States.....	666	732	816	2.72	2.23	2.74	1,810	1,634	2,235
Total 4.....	758	823	909	2.53	2.12	2.58	1,918	1,747	2,346
South America:									
Argentina.....	180	200	190	1.87	2.38	2.11	336	475	400
Brazil.....	83	95	95	1.65	1.65	1.68	137	157	160
Total 4.....	331	363	356	1.68	1.94	1.80	555	703	641
Africa:									
Benin.....	85	80	80	0.88	0.88	0.88	75	70	70
Burkina.....	230	220	225	0.70	0.68	0.69	160	150	155
Burundi.....	72	70	70	1.19	1.21	1.21	86	85	85
Cameroon.....	320	320	320	0.44	0.44	0.44	140	140	140
Central African Republic.....	130	130	130	1.08	1.08	1.12	140	140	145
Chad.....	115	115	115	0.70	0.70	0.70	80	80	80
Gambia, The.....	98	80	95	1.33	0.94	1.26	130	75	120
Ghana.....	90	90	90	0.78	0.78	0.72	70	70	65
Guinea.....	130	130	130	0.65	0.65	0.65	85	85	85
Ivory Coast.....	148	150	152	0.97	0.97	0.97	144	146	148
Mali.....	100	110	100	0.90	0.91	0.95	90	100	95
Niger.....	110	110	110	0.55	0.55	0.55	60	60	60
Nigeria.....	700	500	480	0.50	0.50	0.46	350	250	220
Senegal.....	784	914	872	1.04	0.74	0.83	815	673	724
South Africa, Republic of.....	88	86	203	1.28	1.21	0.56	113	104	113
Sudan.....	550	540	530	0.73	0.60	0.75	400	325	400
Uganda.....	145	140	140	0.76	0.79	0.79	110	110	110
Zaire.....	530	530	530	0.72	0.72	0.72	380	380	380
Zimbabwe.....	193	201	204	0.49	0.53	0.23	95	107	46
Total 4.....	5,203	5,111	5,223	0.75	0.69	0.69	3,886	3,502	3,616
Asia:									
Burma.....	523	556	550	0.88	0.91	0.91	459	505	500
China.....	2,956	2,907	2,975	1.81	2.19	2.08	5,365	6,368	6,200
India.....	8,710	8,297	8,750	0.93	0.92	0.86	8,101	7,622	7,500
Indonesia.....	612	625	645	1.43	1.42	1.43	875	890	920
Pakistan.....	80	83	84	1.03	1.07	1.05	82	89	88
Taiwan.....	32	36	41	1.81	2.03	1.95	58	73	80
Thailand.....	120	122	123	1.34	1.33	1.33	161	162	164
Turkey.....	28	28	30	2.14	2.25	2.17	60	63	65
Vietnam.....	300	300	300	0.98	0.98	0.98	295	295	295
Total 4.....	13,503	13,083	13,638	1.16	1.24	1.17	15,673	16,266	16,021
World total.....	19,815	19,404	20,149	1.11	1.15	1.13	22,057	22,260	22,671

¹ Peanuts in the shell. Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. ² Harvested area as far as possible. ³ Preliminary. ⁴ Includes countries not listed separately.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 165.—Soybeans: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area planted	Soybeans for beans						
		Area harvested	Yield per acre	Production	Used on farms where produced		Sold	Marketing year average price per bushel received by farmers ¹
					For seed	Fed to livestock		
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 dollars
1977	58,978	57,830	30.6	1,767,267	25,432		1,741,835	5.88
1978	64,708	63,663	29.4	1,868,754	25,657		1,843,097	6.66
1979	71,411	70,343	32.1	2,260,665	(2)		(2)	6.29
1980	69,930	67,813	26.5	1,797,543	(2)		(2)	7.60
1981	67,543	66,163	30.1	1,989,110	(2)		(2)	6.07
1982	70,884	69,442	31.5	2,190,297	(2)		(2)	5.71
1983	63,779	62,525	26.2	1,635,772	(2)		(2)	7.83
1984	67,755	66,113	28.1	1,860,868	(2)		(2)	5.84
1985	63,145	61,599	34.1	2,099,056	(2)		(2)	5.05
1986	60,405	58,312	33.3	1,942,558	(2)		(2)	4.78
1987	58,180	57,172	33.9	1,937,722	(2)		(2)	5.88
1988	58,840	57,373	27.0	1,548,841	(2)		(2)	7.42
1989	60,820	59,538	32.3	1,923,666	(2)		(2)	5.69
1990	57,795	56,512	34.1	1,925,947	(2)		(2)	5.74
1991 ³	59,060	57,951	34.3	1,985,564	(2)		(2)	5.50

¹ Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable, prior to 1979. ² Series discontinued. ³ Preliminary.

National Agricultural Statistics Service.

Table 166.—Soybeans: Stocks on and off farms, United States, 1977-92

Year	On farms				Off farms ¹			
	Jan. 1	Apr. 1	June 1	Sept. 1 ²	Jan. 1	Apr. 1	June 1	Sept. 1 ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1977	473,405	227,794	92,400	32,756	559,045	390,214	243,335	70,168
1978	674,550	394,405	207,541	59,132	652,400	455,448	298,815	102,044
1979	699,556	408,930	241,255	61,509	695,034	467,646	284,850	114,079
1980	890,091	600,648	396,040	128,596	877,896	580,322	378,144	229,880
1981	732,384	527,222	363,317	153,571	792,792	493,892	317,603	159,436
1982	882,826	565,792	354,097	117,749	727,478	460,128	292,268	136,732
1983	1,008,139	643,134	424,658	118,574	754,560	504,529	365,966	226,060
1984	622,983	373,892	179,428	67,912	670,384	415,765	292,085	107,784
1985	766,335	487,369	326,596	143,221	655,724	408,632	281,821	172,836
Year	Mar. 1	June 1	Sept. 1 ²	Dec. 1	Mar. 1	June 1	Sept. 1 ²	Dec. 1
1986	n.a.	411,740	167,090	1,061,000	n.a.	437,186	369,275	895,637
1987	589,000	282,100	107,950	865,300	749,958	554,654	328,497	889,981
1988	553,100	304,900	105,050	650,000	594,620	351,382	197,426	716,812
1989	415,000	229,200	87,320	793,400	475,246	235,311	94,709	816,583
1990	535,800	255,300	86,000	754,000	519,705	340,614	153,139	929,963
1991	555,500	336,500	118,400	810,000	634,619	387,022	210,642	968,957
1992 ³	505,000	279,000	n.a.	n.a.	672,343	416,671	n.a.	n.a.

¹ Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. ² Old crop only. ³ Preliminary. n.a. not available.

National Agricultural Statistics Service.

Table 167.—Soybeans: Supply and disappearance, United States, 1977-91

Year beginning September	Supply				
	Stocks by position			Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Total		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1977	32,756	70,168	102,924	1,767,267	1,870,191
1978	59,132	102,044	161,176	1,868,754	2,029,930
1979	61,509	114,079	175,588	2,260,665	2,436,253
1980	128,596	229,880	358,476	1,797,543	2,156,019
1981	153,571	159,436	313,007	1,989,110	2,302,117
1982	117,749	136,732	254,481	2,190,297	2,444,778
1983	118,574	226,060	344,634	1,635,772	1,980,406
1984	67,912	107,784	175,696	1,860,863	2,036,559
1985	143,221	172,836	316,057	2,098,531	2,414,588
1986	167,090	369,275	536,365	1,940,101	2,476,466
1987	107,950	328,497	436,447	1,922,762	2,359,209
1988	105,050	197,426	302,476	1,548,841	* 1,854,909
1989	87,320	94,709	182,029	1,923,666	2,108,189
1990	86,000	153,139	239,139	1,925,947	2,168,578
1991 ¹	118,400	210,642	329,042	1,985,564	2,314,606

Year beginning September	Disappearance			
	Crushed ²	Feed and residual ³	Exports	Total
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1977	926,661	82,000	700,484	1,709,145
1978	1,017,820	99,000	739,154	1,855,974
1979	1,123,382	85,000	875,173	1,083,555
1980	1,020,493	89,000	724,295	1,833,788
1981	1,029,677	83,000	929,080	2,041,757
1982	1,107,997	86,989	905,158	2,100,144
1983	982,685	79,265	742,760	1,804,710
1984	1,030,474	91,854	598,174	1,720,502
1985	1,052,827	84,727	740,672	1,878,223
1986	1,178,769	104,336	756,914	2,040,019
1987	1,174,482	80,565	801,686	2,056,733
1988	1,057,668	88,711	526,501	1,672,880
1989	1,146,434	99,732	622,886	1,869,050
1990 ¹	1,187,278	94,943	557,315	1,839,536

¹ Preliminary. ² Reported by the U.S. Department of Commerce. ³ Seed, feed, and residual are combined, beginning 1977. ⁴ Includes 3,592 thousand bushels imports.
Economic Research Service.

Table 168.—Soybeans: Area, yield, and production, by States, 1989–91

State	Area planted			Soybeans for beans								
	1989	1990	1991 ¹	Area harvested			Yield per harvested acre			Production		
				1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
AL.....	600	470	360	570	440	350	21.0	17.0	23.0	11,970	7,480	8,050
AR.....	3,300	3,400	3,250	3,200	3,350	3,200	23.5	27.0	28.0	75,200	90,450	89,600
DE.....	255	200	255	250	199	250	29.0	34.0	35.0	7,250	6,766	8,750
FL.....	130	80	45	120	75	43	22.0	19.0	27.0	2,640	1,425	1,161
GA.....	1,150	900	600	1,100	700	590	26.0	14.0	27.0	28,600	9,800	15,930
IL.....	8,900	9,200	9,200	8,850	9,100	9,100	40.0	39.0	37.5	354,000	354,900	341,250
IN.....	4,600	4,200	4,450	4,550	4,180	4,430	36.5	41.0	39.0	166,075	171,380	172,770
IA.....	8,300	8,000	8,700	8,280	7,900	8,650	39.0	41.5	40.5	322,920	327,850	350,325
KS.....	1,900	2,000	2,000	1,850	1,950	1,900	27.0	24.0	23.0	49,950	46,800	43,700
KY.....	1,200	1,250	1,150	1,170	1,220	1,130	31.5	32.0	32.5	36,855	39,040	36,725
LA.....	1,950	1,800	1,030	1,750	1,750	950	22.0	24.0	29.0	38,500	42,000	27,550
MD.....	570	505	510	550	495	500	30.0	36.0	34.0	16,500	17,820	17,000
MI.....	1,100	1,150	1,400	1,080	1,140	1,390	36.0	38.0	38.0	38,880	43,320	52,820
MN.....	5,050	4,700	5,500	5,000	4,600	5,350	37.0	39.0	36.5	185,000	179,400	195,275
MS.....	2,200	2,050	1,900	2,000	1,900	1,800	20.0	21.0	26.0	40,000	39,900	46,800
MO.....	4,400	4,200	4,500	4,350	4,150	4,430	28.0	30.0	30.5	121,800	124,500	135,115
NE.....	2,600	2,400	2,500	2,560	2,360	2,460	32.0	34.5	33.5	81,920	81,420	82,410
NJ.....	115	110	125	113	108	123	32.0	37.0	36.0	3,616	3,996	4,428
NC.....	1,600	1,400	1,350	1,550	1,350	1,310	27.0	24.0	29.5	41,850	32,400	38,645
ND.....	640	500	635	630	495	630	22.0	26.0	30.5	13,860	12,870	19,215
OH.....	4,000	3,500	3,800	3,980	3,480	3,770	31.5	39.0	36.0	125,370	135,720	135,720
OK.....	300	250	260	285	220	235	24.0	21.0	25.0	6,840	4,620	5,875
PA.....	310	280	310	305	275	300	34.0	41.0	33.0	10,370	11,275	9,900
SC.....	980	800	650	960	750	630	11.0	18.5	22.0	20,160	13,875	13,860
SD.....	1,900	1,950	2,200	1,880	1,920	2,160	26.0	28.0	27.0	48,880	53,760	58,320
TN.....	1,300	1,300	1,100	1,240	1,250	1,050	24.0	27.0	30.0	29,760	33,750	31,500
TX.....	500	220	180	415	200	170	30.0	25.0	31.0	12,450	5,000	5,270
VA.....	550	540	530	540	525	500	32.0	32.0	29.0	17,280	16,800	14,500
WI.....	420	440	570	410	430	550	37.0	41.0	42.0	15,170	17,630	23,100
US.....	60,820	57,795	59,060	59,538	56,512	57,951	32.3	34.1	34.3	1,923,666	1,925,947	1,985,564

¹ Preliminary.

National Agricultural Statistics Service.

Table 169.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1977–91

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Stocks Oct. 1	Production	Exports	Stocks Oct. 1	Production	Exports
	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bushels	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1977.....	247,701	247,190	235,108	216,180	946,179	771	10,288	2,057	228	22,371	6,080
1978.....	275,260	261,117	253,009	232,880	1,022,266	729	11,323	¹ 2,334	243	24,354	6,610
1979.....	301,607	308,887	268,460	250,147	1,129,101	776	12,105	2,690	267	27,105	7,932
1980.....	290,378	260,450	241,097	222,398	1,014,323	1,210	11,270	1,631	226	24,312	6,784
1981.....	304,502	266,749	244,647	213,779	1,029,677	1,736	10,979	2,077	163	24,634	6,908
1982.....	320,159	298,556	247,012	253,881	1,119,608	1,103	12,040	2,025	175	26,791	7,109
1983.....	272,408	259,026	224,579	205,635	961,648	1,261	10,873	1,814	474	22,756	5,360
1984.....	289,243	260,953	255,295	245,939	1,051,430	721	11,468	1,660	255	24,529	4,917
1985.....	291,843	272,653	250,288	240,941	1,055,725	632	11,617	1,257	387	24,951	6,036
1986.....	324,038	318,524	281,832	254,636	1,179,030	947	12,783	1,187	212	27,758	7,343
1987.....	324,478	314,198	289,844	246,178	1,174,698	1,725	12,974	1,873	240	28,060	6,854
1988.....	296,196	279,116	252,570	224,028	1,051,910	2,092	11,737	1,661	153	24,943	5,442
1989.....	304,217	301,797	280,536	278,498	1,165,048	1,715	13,004	1,353	173	27,719	5,319
1990.....	314,756	297,929	280,071	301,334	1,194,090	1,305	13,408	780	318	28,325	5,469
1991 ²	333,342	319,952	296,758	.....	.....	1,786	14,130	1,425	285	29,330	6,300

¹ Exports only 1978 to date.² Preliminary.

Economic Research Service. Data from the U.S. Department of Commerce.

Table 170.—Soybeans for beans: Marketing year average price and value of production, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per bushel			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	5.74	5.89	5.70	68,708	44,057	45,885
AR.....	5.88	5.91	5.65	442,176	534,560	506,240
DE.....	5.60	5.61	5.50	40,600	37,957	48,125
FL.....	5.45	5.65	5.40	14,388	8,051	6,269
GA.....	5.61	5.74	5.60	160,446	56,252	89,208
IL.....	5.76	5.85	5.60	2,039,040	2,076,165	1,911,000
IN.....	5.79	5.81	5.55	961,574	995,718	958,874
IA.....	5.62	5.63	5.45	1,814,810	1,845,796	1,909,271
KS.....	5.45	5.67	5.60	272,228	265,356	244,720
KY.....	5.91	5.86	5.90	217,813	228,774	216,678
LA.....	5.98	6.05	5.80	230,230	254,100	159,790
MD.....	5.60	5.63	5.50	92,400	100,327	93,500
MI.....	5.60	5.63	5.65	217,728	243,892	298,433
MN.....	5.58	5.55	5.60	1,032,300	995,670	1,093,540
MS.....	5.95	5.88	5.85	238,000	234,612	273,780
MO.....	5.60	5.73	5.70	682,080	713,385	770,156
NE.....	5.45	5.59	5.40	446,464	455,188	445,014
NJ.....	5.50	5.64	5.25	19,888	22,537	23,247
NC.....	5.68	5.68	5.55	237,708	184,032	214,480
ND.....	5.40	5.53	5.35	74,844	71,171	102,800
OH.....	5.73	5.81	5.70	718,370	785,533	773,604
OK.....	5.40	5.43	5.25	36,936	25,087	30,844
PA.....	5.65	5.70	5.45	58,591	64,268	53,955
SC.....	5.73	5.78	5.70	115,517	80,196	79,002
SD.....	5.35	5.54	5.45	261,508	297,330	317,844
TN.....	5.99	5.95	5.80	175,262	200,813	182,700
TX.....	5.07	5.47	5.40	63,122	27,350	28,458
VA.....	5.07	5.55	5.50	98,496	93,240	79,750
WI.....	5.40	5.51	5.25	81,918	97,141	121,275
US.....	5.69	5.74	5.50	10,916,145	11,042,010	11,078,442

¹ Preliminary.

National Agricultural Statistics Service.

Table 171.—Soybeans: Price-support operations, United States, 1977-91

Year beginning September	Support price		Put under support ²		Acquired by CCC under support program ³	Owned by CCC Aug. 31
	Per bushel	Percentage of parity ¹	Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1977.....	3.50	46	97,548	5.5	104	.....
1978.....	4.50	51	64,173	3.4	179	.....
1979.....	4.50	45	122,084	5.4	275	1
1980.....	5.02	43	133,209	7.4	3,424	76
1981.....	5.02	40	221,486	11.1	23,419	512
1982.....	5.02	39	396,564	18.1	287	20,851
1983.....	5.02	39	101,208	6.2	443	700
1984.....	5.02	39	278,264	15.0	151,727	4,400
1985.....	5.02	40	517,798	24.7	301,471	131,300
1986.....	4.77	39	327,575	16.9	4,105	249,200
1987.....	4.77	39	274,717	14.2	62	6,900
1988.....	4.77	40	120,070	7.3	38	300
1989.....	4.53	37	206,879	10.9	12	.....
1990.....	4.50	36	241,436	12.6	.....	.....
1991.....	.....	.....	.....	.....	.....	.....

¹ Percentage of the parity price as of the beginning of the marketing year. ² Includes loans made, purchase agreements entered into, and direct purchases. ³ Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year. ⁴ Preliminary.

Agricultural Stabilization and Conservation Service.

Table 172.—Soybeans, soybean meal, and oil: Average price at specified markets, 1977-90

Year ¹	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur	Year ¹	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur
	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>
1977	6.11	24.51	164.20	1984	5.88	29.51	125.40
1978	7.09	27.15	190.06	1985	5.20	18.00	154.90
1979	6.46	24.32	181.91	1986	5.03	15.40	162.70
1980	7.59	22.73	218.18	1987	6.67	22.67	221.90
1981	6.24	18.95	182.52	1988	7.41	21.10	233.45
1982	6.11	20.62	187.19	1989	5.86	22.30	173.75
1983	7.78	30.55	188.20	1990	5.76	20.98	169.85

¹ Year beginning September for soybeans and October for oil and meal.
Economic Research Service.

Table 173.—Soybeans: Area, yield, and production in specified countries and the world, 1989-90/1991-92 ¹

Continent and country	Area ²			Yield per hectare			Production		
	1989-90	1990-91	1991-92 ³	1989-90	1990-91	1991-92 ³	1989-90	1990-91	1991-92 ³
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North and Central America:									
Canada	540	491	576	2.26	2.63	2.44	1,219	1,292	1,406
Guatemala	13	15	15	2.46	2.47	2.47	32	37	37
Mexico	468	276	339	2.10	2.05	1.88	984	567	637
United States	24,094	22,870	23,452	2.17	2.29	2.30	52,354	52,416	54,038
Total	25,116	23,653	24,383	2.17	2.30	2.30	54,591	54,314	56,120
South America:									
Argentina	4,950	4,800	4,800	2.17	2.40	2.15	10,750	11,500	10,300
Bolivia	173	186	200	1.33	1.89	1.90	230	352	380
Brazil	11,400	9,650	10,000	1.78	1.63	1.85	20,340	15,750	18,500
Colombia	112	102	90	1.89	1.82	2.07	212	186	186
Ecuador	60	57	58	1.67	1.75	1.76	100	100	102
Paraguay	980	890	900	1.61	1.46	1.78	1,575	1,300	1,600
Peru	1	1	1	2.00	2.00	3.00	2	2	3
Uruguay	44	34	13	1.18	1.18	1.54	52	40	20
Venezuela	5	5	5	1.80	1.80	1.80	9	9	9
Total	17,725	15,725	16,067	1.88	1.86	1.94	33,270	29,239	31,100
Europe:									
Germany	2	2	4	2.50	2.50	2.50	5	5	10
France	135	116	85	2.22	2.11	2.20	300	245	187
Greece	8	7	6	3.25	3.14	4.17	26	22	25
Italy	477	547	440	3.40	3.33	3.30	1,624	1,820	1,450
Portugal	0	0	0	0.00	0.00	0.50	0	1	1
Spain	11	17	5	2.45	2.47	1.20	27	42	6
Total EC	633	689	540	3.13	3.10	3.11	1,982	2,135	1,679
Austria	9	9	15	1.11	1.89	2.47	10	17	37
Switzerland	1	1	1	2.00	3.00	3.00	2	3	3
Total Western Europe	10	10	16	1.20	2.00	2.50	12	20	40
Bulgaria	40	17	11	1.00	0.88	1.36	40	15	15
Czechoslovakia	2	7	5	3.00	1.00	2.20	6	7	11
Hungary	54	33	22	2.15	1.33	2.18	116	44	48
Romania	512	190	130	0.59	0.74	0.77	304	141	100
Yugoslavia	88	91	80	2.38	1.67	2.00	209	152	160
Total Eastern Europe	696	338	248	0.97	1.06	1.35	675	359	334
Former USSR	830	827	808	1.15	1.06	1.14	956	880	920

See footnotes at end of table.

Table 173.—Soybeans: Area, yield, and production in specified countries and the world, 1989-90/1991-92 ¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1989-90	1990-91	1991-92 ³	1989-90	1990-91	1991-92 ³	1989-90	1990-91	1991-92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa:									
Egypt.....	39	41	45	2.33	2.59	2.67	91	106	120
Morocco.....	0	5	11	0.00	1.60	1.18	0	8	13
Nigeria.....	68	75	83	0.88	0.87	0.94	60	65	78
South Africa, Republic of.....	61	87	83	1.77	1.45	0.88	108	126	73
Zambia.....	38	39	42	0.95	1.15	1.19	36	45	50
Zimbabwe.....	68	58	45	1.76	1.67	1.16	120	97	52
Total	274	305	309	1.51	1.47	1.25	415	447	386
Asia:									
Burma.....	35	35	35	0.80	0.57	0.71	28	20	25
China (Mainland).....	8,057	7,560	7,050	1.27	1.46	1.36	10,227	11,000	9,600
India.....	2,253	2,365	2,600	0.80	1.02	0.85	1,806	2,419	2,200
Indonesia.....	1,205	1,215	1,240	1.09	1.08	1.04	1,315	1,315	1,290
Iran.....	50	50	50	1.80	1.80	1.80	90	90	90
Japan.....	152	146	141	1.79	1.51	1.40	272	220	197
Korea, Democratic.....	340	340	340	1.29	1.29	1.29	440	440	440
Korea, Republic of.....	157	152	119	1.61	1.53	1.54	252	233	183
Pakistan.....	1	2	3	1.00	0.50	1.00	1	1	3
Philippines.....	12	15	16	0.83	0.80	0.81	10	12	13
Sri Lanka.....	6	6	6	1.33	1.33	1.33	8	8	8
Syria.....	10	5	5	2.00	1.40	1.40	20	7	7
Taiwan.....	4	4	4	2.00	2.00	2.00	8	8	8
Thailand.....	502	375	390	1.34	1.41	1.18	672	530	460
Turkey.....	100	60	50	1.20	2.00	1.80	120	120	90
Vietnam.....	150	140	140	0.80	0.75	0.75	120	105	105
Total	13,034	12,470	12,189	1.18	1.33	1.21	15,389	16,528	14,719
Oceania:									
Australia.....	49	36	42	1.57	1.94	1.69	77	70	71
World total	58,367	54,053	54,602	1.84	1.92	1.93	107,367	108,994	105,369

¹ Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. ² Harvested area as far as possible. ³ Preliminary. ⁴ Area harvested for beans. ⁵ Includes estimates for above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 174.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, 1988/89-1990/91 ¹

Continent and country of destination	Soybeans			Soybean oil ³			Soybean oilseed cake and meal		
	1988/89	1989/90	1990/91 ²	1988/89	1989/90	1990/91 ²	1988/89	1989/90	1990/91 ²
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North America:									
Barbados.....	0	1,500	0	226	580	913	8,664	5,840	12,559
Canada.....	112,877	276,352	156,307	5,364	5,443	3,790	605,506	564,981	635,318
Haiti.....	0	0	0	2,846	1,688	4,949	5,275	1,963	2,768
Jamaica.....	66,860	57,433	61,351	1,590	2,527	1,142	5,149	17,358	12,241
Mexico.....	1,271,426	856,105	1,557,434	17,730	4,435	11,087	303,054	328,625	295,344
Netherlands Antilles.....	0	0	0	1,539	1,112	1,520	489	0	1,674
Panama.....	4,120	5,146	1,258	6,695	3,174	8,123	21,159	19,697	33,160
Total ⁴	1,647,594	1,408,843	2,011,915	60,452	57,992	65,979	1,148,698	1,152,748	1,276,846

See footnotes at end of table.

Table 174.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, 1988/89–1990/91 ¹—Continued

Continent and country of destination	Soybeans			Soybean oil ³			Soybean oilseed cake and meal		
	1988/89	1989/90	1990/91 ²	1988/89	1989/90	1990/91 ²	1988/89	1989/90	1990/91 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South America:									
Bolivia.....	0	0	0	998	1,037	1,549	0	0	0
Chile.....	0	0	0	0	7	0	0	0	0
Colombia.....	44,238	49,196	0	169	81	3,268	0	0	0
Ecuador.....	77	0	7,212	30,930	26,314	20,832	0	0	10,500
Peru.....	0	0	0	2,778	5,206	6,566	0	30,893	2,100
Surinam.....	0	0	18	4	0	0	0	0	0
Venezuela.....	128,598	31,596	113,723	29,055	8,198	0	529,227	319,674	372,296
Total ⁴	235,912	80,810	120,953	64,081	40,957	32,504	529,506	351,518	386,350
Europe:									
Belgium and Luxembourg.....	473,672	666,315	413,434	0	0	0	0	0	0
Czechoslovakia.....	0	0	0	0	0	0	0	0	0
Denmark.....	32,241	63,394	21,771	0	0	0	0	0	0
France.....	169,174	184,974	76,147	62	0	0	0	0	230
Germany, Fed. Rep. of.....	600,890	817,760	760,310	49	0	0	0	0	0
Greece.....	142,793	295,664	161,606	0	0	0	41,720	6,150	3,520
Iceland.....	0	0	0	8	21	23	0	0	0
Ireland.....	0	0	0	0	2	0	5,696	1,882	13,151
Italy.....	119,690	251,557	48,680	105	0	0	255,199	118,741	81,216
Netherlands.....	2,531,449	2,720,697	2,084,544	1,030	0	27	333,044	219,573	310,926
Norway.....	125,523	174,849	128,116	0	3	0	0	0	0
Poland.....	0	0	0	0	0	0	0	48,500	0
Spain.....	1,151,894	1,564,770	1,027,234	0	48	100	47,686	6,895	5,490
Sweden.....	0	111	295	0	0	0	0	0	0
Switzerland.....	170	18,680	226	0	0	0	0	0	0
United Kingdom.....	260,597	409,175	425,322	176	0	12	38,053	15,652	49,360
Yugoslavia.....	110,288	125,379	34,170	0	0	0	59,257	41,009	0
Total ⁴	6,072,790	8,015,383	5,675,183	1,430	74	2,203	839,097	531,914	533,525
Soviet Union.....	239,695	342,292	353,955	0	0	0	1,312,444	1,405,127	1,647,868
Africa:									
Morocco.....	8,800	13,039	14,596	80,023	77,985	73,255	0	0	0
South Africa.....	0	0	0	200	6,108	0	0	0	0
Egypt.....	66,178	28,408	127	0	0	0	148,420	203,779	166,479
Total ⁴	74,978	41,447	14,723	139,237	166,887	142,114	546,010	624,773	505,430
Asia:									
Taiwan.....	1,438,597	2,015,605	1,806,626	43	31	10	74,348	6,937	0
India.....	25,000	996	0	28,127	16,391	13,544	0	0	0
Israel.....	312,996	387,388	432,698	454	442	321	0	0	0
Japan.....	3,251,300	3,480,292	3,584,309	508	586	92	24,103	16,875	24,212
Korea, Rep. of.....	845,475	767,559	925,201	57	0	341	0	0	0
Pakistan.....	0	0	0	453,067	309,502	66,210	3,998	0	0
Philippines.....	13,854	5,849	20,002	3,657	1,868	3,006	61,517	129,473	246,901
Total ⁴	5,958,261	6,978,806	6,899,246	488,295	347,983	111,142	524,814	714,821	553,084
Oceania:									
Australia.....	35,801	26,769	76,507	62	1	10	25,575	28,262	41,264
New Zealand.....	184	423	439	2	0	0	10,750	15,801	17,238
Total ⁴	36,020	27,192	76,946	81	13	16	36,843	44,063	58,502
Grand total ⁵	14,354,886	16,933,237	15,160,709	753,576	613,902	353,959	4,937,412	4,824,964	4,961,605

¹ For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1. ² Preliminary.

³ Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. ⁴ Includes quantities exported to countries not shown. ⁵ Total may not add due to rounding.

⁶ Includes 89,632 metric tons, 38,465 metric tons and 7,789 metric tons transshipped via Canada to unidentified countries in 1988/89, 1989/90, and 1990/91 respectively.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 175.—Sunflower: Area, yield, production, and value, United States, 1977-91 ¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	2,321	2,205	1,252	2,760,470	10.20	280,428
1978.....	2,840	2,798	1,365	3,817,920	10.70	409,923
1979.....	5,555	5,410	1,349	7,296,110	8.99	659,962
1980.....	3,910	3,683	1,016	3,741,640	10.90	413,907
1981.....	3,865	3,811	1,177	4,487,410	10.80	485,358
1982.....	4,815	4,724	1,129	5,332,820	9.03	473,504
1983.....	3,110	3,063	1,044	3,198,500	13.00	418,764
1984.....	3,754	3,692	1,014	3,744,530	11.30	415,584
1985.....	3,055	2,844	1,109	3,153,020	7.93	251,505
1986.....	2,025	1,955	1,369	2,675,750	6.90	185,119
1987.....	1,805	1,775	1,469	2,608,150	8.34	217,618
1988.....	2,038	1,921	933	1,791,970	12.10	208,875
1989.....	1,840	1,786	985	1,759,760	10.60	190,452
1990.....	1,905	1,851	1,229	2,274,405	10.90	245,754
1991 ²	2,743	2,670	1,352	3,609,990	8.45	304,943

¹ Prior to 1988 estimates included MN, ND, and SD. KS was included in 1988. Beginning in 1991 estimates include all States except AK and HI. ² Preliminary.

National Agricultural Statistics Service.

Table 176.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1977-91 ¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	2,075	1,965	1,258	2,472,120	10.10	249,348
1978.....	2,598	2,559	1,369	3,503,520	10.70	375,975
1979.....	5,331	5,191	1,350	7,008,550	8.93	625,912
1980.....	3,649	3,442	1,019	3,508,710	10.90	383,339
1981.....	3,545	3,496	1,178	4,118,570	10.60	436,252
1982.....	4,566	4,479	1,126	5,045,390	8.70	439,059
1983.....	2,954	2,909	1,041	3,027,850	13.00	396,573
1984.....	3,517	3,460	1,011	3,499,400	10.80	378,971
1985.....	2,807	2,608	1,100	2,867,920	7.45	213,774
1986.....	1,777	1,716	1,367	2,345,110	6.54	153,697
1987.....	1,587	1,563	1,473	2,302,250	8.15	187,673
1988.....	1,733	1,630	921	1,501,170	11.10	165,069
1989.....	1,411	1,373	988	1,356,300	9.72	131,924
1990.....	1,390	1,343	1,205	1,618,450	10.00	162,468
1991 ²	2,292	2,230	1,357	3,026,110	7.90	239,005

¹ Prior to 1988 estimates included MN, ND, and SD. KS was included in 1988. Beginning in 1991 estimates include all States except AK and HI. ² Preliminary.

National Agricultural Statistics Service.

Table 177.—Sunflower, non-oil varieties: Area, yield, production, and value, United States, 1977-91 ¹

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1977.....	246	240	1,201	288,350	10.80	31,080
1978.....	242	239	1,315	314,400	10.80	33,948
1979.....	224	219	1,313	287,560	11.80	34,050
1980.....	261	241	967	232,930	13.10	30,568
1981.....	320	315	1,171	368,840	13.30	49,106
1982.....	249	245	1,173	287,430	11.90	34,445
1983.....	156	154	1,108	170,650	13.00	22,191
1984.....	237	232	1,057	245,130	14.90	36,613
1985.....	248	236	1,208	285,100	13.20	37,731
1986.....	248	239	1,383	330,640	9.53	31,422
1987.....	218	212	1,443	305,900	9.79	29,945
1988.....	305	291	999	290,800	15.50	43,806
1989.....	429	413	977	403,460	14.60	58,528
1990.....	515	508	1,291	655,955	12.80	83,286
1991 ²	451	440	1,327	583,880	11.30	65,938

¹ Prior to 1988 estimates included MN, ND, and SD. KS was included in 1988. Beginning in 1991 estimates include all States except AK and HI.

² Preliminary.

National Agricultural Statistics Service.

Table 178.—Sunflower: Area, yield, production, and value, by States, 1990-91

State	Area planted		Area harvested		Yield per harvested acre		Production		Marketing year average price per cwt.		Value of production	
	1990	1991 ¹	1990	1991 ¹	1990	1991 ¹	1990	1991 ¹	1990	1991 ¹	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	1,000 dollars	1,000 dollars
Oil varieties:												
CO ²		37		35		950		33,250		8.00		2,660
KS.....	50	79	49	75	1,000	1,160	49,000	87,000	9.91	7.40	4,856	6,438
MN.....	70	210	69	207	1,650	1,850	113,850	382,950	10.80	8.40	12,296	32,168
NE ²		30		29		800		23,200		7.75		1,798
ND.....	980	1,450	940	1,410	1,140	1,350	1,071,600	1,903,500	9.98	7.80	106,946	148,473
SD.....	285	440	280	431	1,350	1,250	378,000	538,750	10.00	7.60	37,800	40,945
TX.....	5	12	5	12	1,200	1,250	6,000	15,000	9.50	10.40	570	1,560
Oth Sts ²		34		31		1,370		42,460		11.70		4,963
US ³	1,390	2,292	1,343	2,230	1,205	1,357	1,618,450	3,026,110	10.00	7.90	162,468	239,005
Non-oil varieties:												
CO ²		26		25		1,000		25,000		11.70		2,925
KS.....	25	26	24	25	1,370	1,320	32,880	33,000	11.10	8.90	3,650	2,937
MN.....	70	80	69	79	1,625	1,600	112,125	126,400	12.30	10.90	13,791	13,778
NE ²		20		20		1,000		20,000		11.10		2,220
ND.....	390	260	385	255	1,220	1,300	469,700	331,500	12.90	11.60	60,591	38,454
SD.....	15	10	15	9	1,450	1,350	21,750	12,150	12.50	11.50	2,719	1,397
TX.....	15	13	15	12	1,300	1,390	19,500	16,680	13.00	11.80	2,535	1,968
Oth Sts ²		16		15		1,277		19,150		11.80		2,259
US ³	515	451	508	440	1,291	1,327	655,955	538,880	12.80	11.30	83,286	65,938
Total:												
CO ²		63		60		971		58,250		9.60		5,585
KS.....	75	105	73	100	1,122	1,200	81,880	120,000	10.30	7.80	8,506	9,375
MN.....	140	290	138	286	1,638	1,781	225,975	509,350	11.70	9.00	26,087	45,946
NE ²		50		49		882		43,200		9.30		4,018
ND.....	1,370	1,710	1,325	1,665	1,163	1,342	1,541,300	2,235,000	11.10	8.35	167,537	186,927
SD.....	300	450	295	440	1,355	1,252	399,750	550,900	10.10	7.70	40,519	42,342
TX.....	20	25	20	24	1,275	1,320	25,500	31,680	12.20	11.10	3,105	3,528
Oth Sts ²		50		46		1,339		61,610		11.70		7,222
US ³	1,905	2,743	1,851	2,670	1,229	1,352	2,274,405	3,609,990	10.90	8.45	245,754	304,943

¹ Preliminary. ² Estimates began with 1991. ³ Estimates for 1990 include only KS, MN, ND, SD, and TX. Estimates for 1991 include all States except AK and HI.

National Agricultural Statistics Service.

Table 179.—Sunflower seeds: Yield and production in specified countries, 1989/90–1991/92 ¹

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	55	65	86	1.25	1.69	1.59	69	110	137
Mexico.....	12	12	12	0.83	0.83	0.83	10	10	10
United States.....	723	749	1,081	1.10	1.38	1.51	798	1,031	1,637
Total.....	790	826	1,179	1.11	1.39	1.51	877	1,151	1,784
South America:									
Argentina.....	2,800	2,300	2,500	1.36	1.70	1.40	3,800	3,900	3,500
Brazil.....	4	4	4	1.25	1.25	1.25	5	5	5
Chile.....	16	14	17	2.06	2.29	2.12	33	32	36
Colombia.....	2	1	2	1.50	1.00	1.50	3	1	3
Paraguay.....	4	4	4	1.00	1.00	1.00	4	4	4
Uruguay.....	48	65	68	0.60	0.88	0.88	29	57	60
Venezuela.....	110	20	20	0.91	1.00	1.00	100	20	20
Total.....	2,984	2,408	2,615	1.33	1.67	1.39	3,974	4,019	3,628
Europe:									
Germany.....	15	18	44	3.20	3.06	2.73	48	55	120
France.....	907	1,140	1,045	2.34	2.12	2.44	2,125	2,413	2,550
Greece.....	26	18	15	2.04	1.61	2.40	53	29	36
Italy.....	134	173	146	2.54	2.33	2.38	340	403	348
Portugal.....	66	50	47	0.68	0.90	0.72	45	45	34
Spain.....	977	1,180	1,100	0.95	1.10	0.82	929	1,300	900
Total EC.....	2,125	2,579	2,397	1.67	1.65	1.66	3,540	4,245	3,988
Austria.....	25	23	25	2.92	2.43	2.96	73	56	74
Total Western Europe.....	2,150	2,602	2,422	1.68	1.65	1.68	3,613	4,301	4,062
Bulgaria.....	240	238	270	1.86	1.57	1.64	447	374	442
Czechoslovakia.....	31	34	34	2.26	2.32	2.15	70	79	73
Hungary.....	356	346	350	1.94	1.95	2.00	692	673	700
Romania.....	434	395	400	1.51	1.41	1.34	656	556	535
Yugoslavia.....	204	214	190	2.06	1.97	2.00	420	422	380
Total Eastern Europe.....	1,265	1,227	1,244	1.81	1.71	1.71	2,285	2,104	2,130
Former USSR.....	4,460	4,665	4,500	1.59	1.41	1.25	7,070	6,559	5,640
Africa:									
Egypt.....	11	18	20	1.91	2.28	2.00	21	41	40
Ethiopia.....	61	61	61	0.36	0.36	0.36	22	22	22
Kenya.....	16	16	15	1.25	1.25	1.33	20	20	20
Morocco.....	110	160	145	0.95	1.00	0.75	105	160	109
Mozambique.....	35	35	35	0.57	0.57	0.57	20	20	20
South Africa, Republic of.....	519	575	454	1.21	1.02	0.39	626	589	177
Tanzania, United Republic of.....	84	85	85	0.26	0.29	0.29	22	25	25
Uganda.....	5	5	5	0.40	0.40	0.60	2	2	3
Zambia.....	44	45	46	0.82	0.56	0.65	36	25	30
Zimbabwe.....	123	152	170	0.52	0.45	0.18	64	68	31
Total 4.....	1,008	1,152	1,036	0.93	0.84	0.46	938	972	477
Asia:									
Burma.....	134	134	127	0.66	0.66	0.63	89	89	80
China (Mainland).....	716	713	750	1.49	1.88	1.47	1,064	1,339	1,100
India.....	1,192	1,642	1,800	0.53	0.54	0.56	631	889	1,000
Iran.....	19	19	19	0.74	0.74	0.74	14	14	14
Iraq.....	14	14	14	0.79	0.79	0.79	11	11	11
Israel.....	9	4	14	1.89	3.00	1.21	17	12	17
Pakistan.....	26	47	40	0.96	1.17	1.03	25	55	41
Syria.....	10	10	10	1.00	1.00	1.00	10	10	10
Turkey.....	800	700	550	1.50	1.23	1.18	1,200	860	650
Total 4.....	2,920	3,283	3,324	1.05	1.00	0.88	3,061	3,279	2,923

See footnotes at end of table.

Table 179.—Sunflower seeds: Yield and production in specified countries, 1989/90–1991/92 ¹—Continued

Continent and country	Area ²			Yield per hectare			Production		
	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³	1989/90	1990/91	1991/92 ³
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Oceania:									
Australia.....	66	198	126	1.11	0.94	0.87	73	186	110
Total 4.....	2,986	3,481	3,450	1.05	1.00	0.88	3,134	3,465	3,033
World Total 4.....	15,643	16,358	16,446	1.40	1.38	1.26	21,891	22,556	20,754

¹ Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. ² Harvested area as far as possible. ³ Preliminary. ⁴ Totals may not add.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 180.—Peppermint oil: Area, yield, production, and value, United States, 1977–91

Year	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1977.....	86.9	51	4,409	14.30	63,209
1978.....	100.0	56	5,557	10.60	59,081
1979.....	90.9	53	4,815	9.91	47,693
1980.....	81.3	57	4,611	9.40	43,355
1981.....	69.5	60	4,191	9.39	39,359
1982.....	60.9	60	3,668	9.24	33,908
1983.....	61.3	63	3,867	10.10	39,152
1984.....	67.2	64	4,334	10.80	46,964
1985.....	66.3	66	4,356	10.20	44,446
1986.....	65.4	67	4,376	10.70	46,857
1987.....	67.0	67	4,495	11.70	52,373
1988.....	80.5	67	5,360	15.90	85,324
1989.....	100.8	66	6,652	13.10	87,005
1990.....	101.8	68	6,953	13.90	96,621
1991 ¹	110.7	58	6,468	13.40	86,855

¹ Preliminary.

National Agricultural Statistics Service.

Table 181.—Spearment oil: Area, yield, production, and value, United States, 1977–91

Year	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1977.....	37.1	63	2,329	12.40	28,947
1978.....	46.1	70	3,244	7.46	24,200
1979.....	33.1	58	1,921	8.72	16,757
1980.....	31.3	68	2,139	9.61	20,554
1981.....	29.2	75	2,177	9.42	20,510
1982.....	22.8	59	1,355	12.60	17,067
1983.....	26.2	61	1,596	12.30	19,687
1984.....	27.9	72	2,019	12.60	25,405
1985.....	30.3	77	2,323	11.70	27,162
1986.....	28.7	93	2,666	11.40	30,484
1987.....	24.0	86	2,060	12.10	24,998
1988.....	22.6	77	1,745	12.80	22,382
1989.....	26.4	70	1,846	13.90	25,693
1990.....	33.7	76	2,565	14.90	38,188
1991 ¹	40.7	72	2,927	14.50	42,374

¹ Preliminary.

National Agricultural Statistics Service.

Table 182.—Mint oil: Production and value, by States, 1989-91

State	Production			Price per pound			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	Dol- lars	Dol- lars	Dol- lars	1,000 dollars	1,000 dollars	1,000 dollars
Peppermint:									
ID.....	975	949	1,087	11.00	12.30	12.30	10,725	11,673	13,370
IN.....	600	616	651	14.60	15.70	13.00	8,760	9,671	8,463
OR.....	3,116	3,358	3,040	13.90	15.00	14.50	43,312	50,370	44,080
WA.....	1,574	1,683	1,285	11.20	11.50	12.20	17,629	19,355	15,677
WI.....	387	347	405	17.00	16.00	13.00	6,579	5,552	5,265
US.....	6,652	6,953	6,468	13.10	13.90	13.40	87,005	96,621	86,855
Spearmint:									
ID.....	151	232	288	15.40	16.80	16.90	2,325	3,898	4,867
IN.....	167	144	225	16.60	18.30	16.10	2,772	2,635	3,623
MI.....	61	66	108	16.00	17.60	16.20	976	1,162	1,750
OR.....	105	144	160	15.00	15.70	16.50	1,575	2,261	2,640
WA.....	1,102	1,676	1,685	12.60	13.50	13.40	13,885	22,626	22,579
WI.....	260	303	461	16.00	18.50	15.00	4,160	5,606	6,915
US.....	1,846	2,565	2,927	13.90	14.90	14.50	25,693	38,188	42,374

¹ Preliminary.

National Agricultural Statistics Service.

Table 183.—Olive oil: ¹ Production in specified countries and the world, 1988-91

Country	1988	1989	1990	1991 ²	Country	1988	1989	1990	1991 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:					Africa:				
France.....	1	1	2	2	Algeria.....	12	13	14	14
Greece.....	210	284	260	192	Morocco.....	42	32	70	40
Italy.....	660	481	566	249	Tunisia.....	100	95	130	165
Portugal.....	43	25	40	30	Libya.....	7	5	5	5
Spain.....	691	376	551	639	Total.....	161	145	219	224
Yugoslavia.....	6	4	5	5	Argentina.....	15	15	15	15
Total.....	1,611	1,121	1,424	1,117	Other countries.....	4	4	4	4
Middle East:					World total.....	1,901	1,502	1,784	1,586
Israel.....	3	5	20	41					
Jordan.....	9	2	10	2					
Syria.....	40	91	24	85					
Lebanon.....	8	9	8	8					
Turkey.....	50	110	60	90					
Total.....	110	217	122	226					

¹ Production in marketing year beginning Nov. 1; excludes residue oil.² Preliminary.Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.²

Table 184.—Margarine, actual weight: Supply and disposition, United States, 1977-91

Year	Supply			Disposition		
	Production	Stocks, Jan. 1	Total supply	Exports ¹	Domestic disappearance	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1977	2,535	67	2,602	7	2,515	11.5
1978	2,520	80	2,600	7	2,523	11.4
1979	2,553	70	2,623	7	2,535	11.3
1980	2,593	81	2,674	8	2,592	11.4
1981	2,577	74	2,651	17	2,573	11.3
1982	2,596	61	2,657	13	2,582	11.1
1983	2,451	62	2,513	12	2,446	10.4
1984	2,481	55	2,536	9	2,472	10.5
1985	2,603	55	2,658	9	2,588	10.9
1986	2,789	61	2,850	8	2,761	11.5
1987	2,554	81	2,635	8	2,564	10.6
1988	2,549	63	2,612	8	2,542	10.4
1989	2,531	62	2,593	7	2,525	10.2
1990	2,768	61	2,829	8	2,730	10.9
1991 ²	2,698	92	2,790	9	2,689	10.6

¹ Includes shipments prior to 1975. ² Preliminary.

Economic Research Service. Totals and per capita estimates computed from unrounded numbers.

Table 185.—Margarine: Selected reported fats and oils used in manufacture, United States, 1977-91

Year	Vegetable oils			Animal fats ¹	Total ²
	Soybean oil	Cottonseed oil	Corn oil		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1977	1,585	44	243	80	2,026
1978	1,593	42	211	74	1,997
1979	1,643	25	222	86	1,985
1980	1,653	25	223	104	2,016
1981	1,685	25	214	78	2,012
1982	1,718	21	220	29	1,997
1983	1,549	34	212	41	1,850
1984	1,544	26	196	38	1,842
1985	1,628	8	210	65	1,946
1986	1,741	24	190	48	2,041
1987	1,615	28	248	22	1,931
1988	1,619	n.a.	210	35	1,895
1989	1,573	n.a.	214	32	1,875
1990	1,749	n.a.	208	35	2,102
1991	1,850	29	197	43	2,160

¹ Lard and edible tallow. ² Includes small quantities of nuts, coconut, palm, and sunflower oil. n.a. not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 186.—Shortening: Supply and disposition, United States, 1977–91

Year	Supply			Disposition		
	Factory and warehouse stocks, Jan. 1	Production	Total supply	Exports and shipments	Domestic disappearance	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1977.....	128	3,841	3,969	46	3,856	17.3
1978.....	113	4,015	4,128	34	4,021	17.9
1979.....	107	4,206	4,313	41	4,181	18.5
1980.....	132	4,178	4,310	40	4,179	18.2
1981.....	131	4,291	4,422	49	4,302	18.5
1982.....	120	4,379	4,499	45	4,366	18.6
1983.....	133	4,363	4,496	31	4,365	18.5
1984.....	131	5,068	5,199	30	5,070	21.3
1985.....	129	5,505	5,634	30	5,477	23.0
1986.....	127	5,383	5,510	36	5,337	22.2
1987.....	137	5,237	5,374	31	5,204	21.5
1988.....	139	5,328	5,467	40	5,282	21.6
1989.....	145	4,288	4,433	19	5,322	21.5
1990.....	119	4,730	5,709	21	5,572	22.3
1991 ¹	116	4,939	5,775	31	5,597	22.2

¹ Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 187.—Shortening: Fats and oils used in manufacture, United States, 1977–91

Year	Vegetable oils				Animal fats		Total primary and secondary fats and oils ¹
	Cottonseed oil	Soybean oil	Coconut oil	Palm oil	Lard	Edible tallow	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1977.....	160	2,279	78	371	185	748	3,855
1978.....	189	2,480	75	266	220	808	4,059
1979.....	169	2,680	93	222	316	713	4,213
1980.....	189	2,651	103	88	378	673	4,200
1981.....	136	2,767	125	217	315	724	4,304
1982.....	158	2,948	139	190	251	679	4,391
1983.....	139	2,914	152	213	277	632	4,381
1984.....	151	3,465	(²)	216	263	821	5,108
1985.....	173	3,625	(²)	230	289	1,015	5,564
1986.....	182	3,375	(²)	320	274	973	5,453
1987.....	136	3,434	(²)	215	224	890	5,303
1988.....	170	3,562	109	173	265	840	5,377
1989.....	192	3,509	92	139	295	752	5,338
1990.....	252	4,004	(²)	(²)	264	637	5,684
1991 *.....	260	4,152	(²)	(²)	274	462	5,767

¹ Includes small quantities of corn, peanut, safflower, and sunflower oil.² Not included to avoid disclosure.³ Not available.⁴ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 188.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1977-91

Year	Supply				Disposition			Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Production	Total	Exports	Factory consumption			
					Total	Use in soap	Use in feed	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1977.....	355	6,106	6,465	2,885	3,180	737	1,330	13.6
1978.....	344	5,815	6,162	2,698	3,220	695	1,390	16.0
1979.....	347	5,836	6,183	2,795	3,117	663	1,239	18.8
1980.....	390	5,916	6,306	3,254	2,979	666	1,246	14.3
1981.....	413	6,124	6,537	3,134	2,985	520	1,323	15.3
1982.....	451	6,026	6,477	3,035	2,898	545	1,418	12.8
1983.....	368	6,129	6,497	2,931	2,813	574	1,397	13.4
1984.....	376	5,881	6,257	2,735	2,941	623	1,346	14.5
1985.....	368	5,827	6,195	2,737	2,782	535	1,363	14.3
1986.....	362	5,543	5,905	2,562	2,917	482	1,604	9.0
1987.....	316	5,602	5,918	2,491	3,082	571	1,727	14.9
1988.....	407	6,158	6,565	2,807	3,147	461	1,864	16.6
1989.....	399	5,848	6,247	2,679	3,194	368	1,919	14.4
1990.....	374	5,217	6,097	2,267	3,061	402	2,000	13.7
1991.....	496	5,723	6,219	2,499	3,083	392	1,882	13.3

Economic Research Service.

Table 189.—Fats, oils, and oilseeds (fat or oil equivalent): World production, 1988-89/1991-92

Commodity	World production ¹			
	1988-89	1989-90	1990-91	1991-92 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Edible vegetable oils:				
Cottonseed.....	3,794	3,476	3,760	4,237
Peanut.....	3,688	3,428	3,245	3,451
Soybean.....	14,562	15,938	15,664	16,501
Sunflower.....	7,185	7,857	7,799	7,318
Rapeseed.....	7,657	7,745	8,825	9,399
Olive ³	1,502	1,784	1,577	1,762
Total.....	38,388	40,228	40,870	42,668
Palm oils:				
Coconut.....	2,595	2,982	3,016	2,703
Palm kernel.....	1,252	1,487	1,504	1,551
Palm.....	9,561	10,907	11,218	11,686
Total.....	13,408	15,376	15,564	15,940
Industrial oils:				
Linseed.....	517	559	523	518
Total.....	517	559	523	518
Animal fats:				
Butter (fat content).....	5,362	5,431	5,322	5,081
Tallow and grease.....	6,965	6,989	7,032	6,995
Total.....	12,327	12,420	12,354	12,076
Marine oils:				
Fish.....	1,613	1,407	1,561	1,396
Total.....	1,613	1,407	1,561	1,396
Total, all commodities.....	66,253	69,990	70,872	72,598

¹ Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. ² Preliminary. ³ Excludes olive residue oil.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 190.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1977-91

Year beginning January	Lard	Inedible animal tallow, greases, and oils ¹	Oilseeds and nuts				
			Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	82,568	1,401,721	14,727	23,812	14,778	299,331	16,195,496
1978.....	54,237	1,228,256	42,908	2,392	40,117	354,736	20,704,536
1979.....	43,507	1,286,915	7,473	3,590	38,053	347,699	20,890,129
1980.....	41,914	1,516,948	189,057	3,912	24,558	297,679	21,778,536
1981.....	67,901	1,488,304	25,479	534	21,337	140,963	21,830,405
1982.....	46,709	1,413,331	37,563	15,047	28,442	193,889	25,474,898
1983.....	40,195	1,386,778	1,902	2,848	26,500	215,726	22,704,181
1984.....	40,358	1,267,681	55,141	6,365	26,119	259,541	19,482,717
1985.....	47,414	1,280,664	45,792	2,433	34,748	298,975	16,889,203
1986.....	47,827	1,197,774	10,905	39,275	30,320	277,389	21,379,560
1987.....	48,239	1,155,366	25,272	4,282	41,778	216,371	21,592,443
1988.....	57,622	1,336,908	44,085	4,275	37,317	153,273	18,229,355
1989.....	50,074	1,312,999	34,554	24,261	50,557	240,334	15,042,853
1990.....	39,644	1,132,059	44,855	27,878	58,941	262,763	15,351,220
1991 ²	54,705	1,160,515	78,872	17,705	67,706	198,442	17,530,932

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cotton- seed oil ³	Linseed oil	Marga- rine	Peanut oil	Soybean oil ³	Soybean	Other ⁴
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	1,130	7,342	331,758	11,570	3,063	45,065	773,791	4,133,659	159,352
1978.....	240	5,230	330,765	24,687	3,430	40,339	929,282	5,914,130	340,175
1979.....	233	4,896	287,130	11,379	3,367	4,870	1,129,334	6,087,713	356,672
1980.....	441	4,863	356,276	24,846	3,647	18,102	1,096,080	7,053,989	368,318
1981.....	592	11,362	318,568	31,301	7,509	19,752	818,730	6,344,614	441,094
1982.....	999	10,337	387,525	9,943	6,007	9,598	932,857	6,220,742	224,285
1983.....	537	8,409	194,797	6,905	5,128	2,087	785,690	6,488,317	251,802
1984.....	1,447	16,634	171,299	22,847	4,200	6,685	1,008,517	4,400,371	185,682
1985.....	1,167	9,607	191,377	6,262	4,139	16,543	586,289	4,711,894	137,161
1986.....	988	10,011	173,919	4,095	3,811	35,226	540,447	5,960,340	130,166
1987.....	1,788	34,772	109,881	3,118	3,517	2,999	629,966	5,920,374	176,301
1988.....	1,093	30,572	171,045	4,529	3,742	3,345	875,491	6,282,414	192,364
1989.....	2,026	20,432	209,316	6,767	3,230	6,810	700,447	4,728,411	130,056
1990.....	4,049	18,218	145,349	3,027	3,142	7,257	536,460	4,820,163	268,308
1991 ²	2,426	21,132	97,034	4,470	4,220	23,403	442,245	5,534,376	652,877

¹ Includes edible and inedible tallow, choice white grease, wool grease, yellow grease, edible and inedible oleo and oleo stearine, and animal oils, fats and oils, n.e.c. ² Preliminary. ³ Includes shipments under P.L. 480 as reported by the Bureau of the Census. ⁴ Includes corn meal.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 191.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1977-91

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled ¹	Poppy seed
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	0	2	38,216	199	49	4,172
1978.....	0	4	28,408	168	64	2,685
1979.....	3	419	54,325	168	47	2,364
1980.....	3	0	30,808	362	80	2,661
1981.....	0	0	118,063	1,389	137,834	2,842
1982.....	2	52	50,919	100	903	3,314
1983.....	0	0	87,491	398	1,080	3,101
1984.....	1	0	76,179	31	972	4,346
1985.....	0	0	125,564	171	162	3,560
1986.....	34	0	60,433	621	1,049	4,789
1987.....	0	536	60,113	308	663	3,776
1988.....	0	933	109,418	356	577	3,693
1989.....	42	486	171,664	116	834	4,160
1990.....	28	816	203,008	0	1,140	3,355
1991 ²	1	291	126,565	48	9,948	4,989

Year beginning January	Oilseeds—continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	205	28,357	105	17,730	50,452	456,639	19
1978.....	415	32,000	69	24,638	51,947	463,803	15
1979.....	509	32,099	269	30,839	48,676	444,432	9
1980.....	266	31,571	6,000	34,658	42,732	403,388	7
1981.....	265	37,954	8,498	43,197	40,389	470,330	14
1982.....	421	33,213	6,439	37,326	29,347	403,596	4
1983.....	535	42,789	2,505	47,981	33,680	449,389	3
1984.....	1,047	36,759	10,948	51,712	35,476	377,924	43
1985.....	611	37,334	4,109	70,147	37,189	450,199	11
1986.....	799	36,316	17,897	71,073	37,678	548,317	357
1987.....	503	36,518	10,930	79,774	42,528	506,387	159
1988.....	6,851	33,146	59,828	78,286	30,365	444,799	169
1989.....	77,752	40,514	89,713	64,353	37,874	391,903	4
1990.....	102,241	42,879	63,583	92,165	31,032	452,224	7
1991 ²	1,075	36,460	121,476	93,169	34,524	390,997	95

Year beginning January	Vegetable oils—continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	24,633	249,501	69,896	12	6,876	8,537	20,128
1978.....	28,087	146,431	57,233	19	6,451	8,125	8,977
1979.....	27,306	141,599	76,151	24	6,381	9,089	25,263
1980.....	25,553	115,891	83,294	30	6,422	7,366	26,420
1981.....	27,720	121,893	69,268	38	6,286	6,819	52,671
1982.....	29,235	113,403	95,638	72	6,891	6,531	66,136
1983.....	33,113	149,114	106,547	1,757	5,346	6,185	102,390
1984.....	41,147	147,706	91,683	929	5,259	6,318	116,155
1985.....	43,959	208,652	145,067	405	15,332	6,939	156,386
1986.....	54,033	281,608	196,064	1,090	55,293	5,575	152,498
1987.....	63,736	187,899	182,955	4,700	87,317	5,895	259,742
1988.....	80,417	152,002	208,526	10,857	162,427	6,406	273,708
1989.....	80,833	112,201	151,282	391	194,557	6,474	333,036
1990.....	97,273	131,161	154,327	3,368	213,956	4,045	313,220
1991 ²	98,709	113,527	145,715	1,697	307,127	5,645	500,394

¹ Includes blanched or roasted peanuts. ² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 192.—Inedible Animal Tallow, Greases, and Oils (1): United States Exports By Region and Country of Destination 1989-91.

Continent and Country	1989	1990	1991 (2)	Continent and Country	1989	1990	1991 (2)
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North and Central America:				Other Countries.	14	311	24
Canada.....	4,135	9,612	12,955	Total.....	7,088	311	28
Mexico.....	127,651	97,900	115,043	Former Soviet Union.....	77,279	67,837	15,299
Haiti.....	22,474	22,697	20,308	North Africa and Middle East:			
Dominican Republic.....	26,842	25,395	27,674	Morocco.....	7,418	5,441	13,823
Guatemala.....	31,168	23,487	29,478	Algeria.....	43,353	56,219	24,839
El Salvador.....	37,841	44,509	50,778	Egypt.....	71,963	19,550	28,887
Other Countries.....	21,828	23,651	44,151	Israel.....	80	54	7,364
Total.....	271,939	247,251	300,387	Turkey.....	83,499	68,803	58,923
				Iraq.....	31,396	13,639	0
South America:				Other Countries.....	1,132	0	1,209
Colombia.....	43,638	48,377	64,394	Total.....	238,841	163,706	135,045
Venezuela.....	31,281	62,132	70,983	Other Africa:			
Ecuador.....	12,258	10,253	16,031	Senegal.....	11,118	9,845	3,362
Brazil.....	60,170	24,303	29,919	Nigeria.....	17,391	40,695	60,437
Other Countries.....	15,825	4,015	18,398	Uganda.....	11,779	12,596	0
Total.....	163,172	149,080	199,725	Other Countries.....	20,808	20,152	6,493
				Total.....	61,096	83,288	70,292
European Community:				Asia:			
Italy.....	20,044	11,389	12,141	Pakistan.....	57,082	38,959	10,993
Netherlands.....	70,085	49,929	57,929	Taiwan.....	23,711	9,347	5,205
Portugal.....	16,599	3,096	3,522	Japan.....	46,389	37,417	48,864
Spain.....	58,316	51,461	77,237	Korea.....	80,996	68,956	67,658
Other E.C.....	16,118	8,037	10,775	Other Countries.....	4,346	12,218	5,968
Total.....	181,162	123,912	161,604	Total.....	212,524	166,897	138,688
Other Europe:				Oceania.....	114	52	3
Switzerland.....	1,575	0	4	Grand total (3).....	1,213,215	1,002,338	1,021,073
Romania.....	2,500	0	0				
Yugoslavia.....	2,999	0	0				

(1) Includes inedible tallow and choice white grease; yellow grease; inedible oleo, and oleo stearin, and animal fats, oils, and greases, n.e.c. (2) Preliminary. (3) May not add due to rounding.

Foreign Agricultural Service, Bureau of the Census, U.S. Department of Commerce.

Table 193.—Fats and Oils: Use in products for civilian consumption, total and per capita, United States, 1977-91

Calendar year	Food products ¹													
	Butter (actual weight)		Lard (direct use) ²		Margarine (actual weight)		Baking and frying fats (shortening)		Salad and cooking oils		Other edible use		All food products (fat content)	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1977	946	4.3	557	2.5	2,515	11.5	3,810	17.3	4,207	19.1	422	1.9	11,698	53.1
1978	969	4.4	530	2.4	2,523	11.4	3,987	17.9	4,464	20.1	453	2.0	12,165	54.7
1979	1,011	4.5	569	2.5	2,535	11.3	4,156	18.5	4,690	20.8	377	1.7	12,716	56.5
1980	1,017	4.5	589	2.6	2,592	11.4	4,150	18.2	4,837	21.2	343	1.5	13,047	57.3
1981	975	4.2	573	2.5	2,573	11.3	4,262	18.5	5,008	21.8	320	1.4	13,224	57.5
1982	1,011	4.4	586	2.5	2,582	11.1	4,332	18.6	5,080	21.9	374	1.6	13,550	58.2
1983	1,150	4.9	488	2.1	2,446	10.4	4,345	18.5	5,524	23.6	365	1.5	14,080	60.3
1984	1,163	4.9	491	2.1	2,472	10.5	5,040	21.3	4,693	19.8	404	1.7	13,932	58.7
1985	1,164	4.9	426	1.8	2,588	10.9	5,477	23.0	5,614	23.5	375	1.6	15,351	64.1
1986	1,114	4.6	417	1.7	2,761	11.5	5,337	22.2	5,831	24.2	404	1.7	15,517	64.2
1987	1,132	4.7	441	1.8	2,564	10.2	5,204	21.5	6,156	24.5	316	1.3	15,294	62.2
1988	1,102	4.5	433	1.8	2,542	10.4	5,282	21.6	6,324	25.8	318	1.3	15,469	62.1
1989	1,077	4.4	442	1.8	2,525	10.6	5,322	21.5	5,940	24.0	313	1.3	15,129	60.5
1990	1,193	4.4	540	1.2	2,730	10.9	5,572	22.3	6,040	24.2	291	1.2	15,691	63.1
1991 ³	1,060	4.2	428	1.7	2,699	10.6	5,597	22.2	6,378	25.2	321	1.3	16,094	63.7

Calendar year	Industrial products											
	Soap		Fatty acids		Animal feeds		Other industrial products		All industrial products ⁴		All products ⁵	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1977	953	4.4	1,974	9.0	1,492	6.8	695	3.2	5,708	26.0	17,406	79.2
1978	889	4.0	2,177	9.9	1,518	6.8	728	3.3	5,904	26.7	18,069	81.4
1979	862	3.8	2,320	10.3	1,316	5.9	723	3.2	5,758	25.6	18,474	82.2
1980	848	3.7	2,154	9.5	1,337	5.9	678	3.0	5,505	24.2	18,552	81.6
1981	798	3.5	2,175	9.5	1,391	6.1	720	3.1	5,468	23.8	18,692	81.4
1982	748	3.2	1,936	8.3	1,474	6.4	610	2.6	5,129	22.1	18,679	80.5
1983	811	3.5	1,862	7.9	1,478	6.3	611	2.6	5,181	22.2	19,261	82.7
1984	1,015	4.3	2,028	8.6	1,443	6.1	635	2.7	5,570	23.6	19,502	82.6
1985	754	3.2	1,911	8.0	1,495	6.3	453	1.9	5,100	21.4	20,451	85.9
1986	764	3.2	2,007	8.4	1,750	7.3	342	1.4	5,392	22.4	20,909	87.0
1987	918	3.8	2,195	9.0	1,874	7.7	597	2.5	6,154	25.4	21,448	88.1
1988	807	3.3	2,181	8.9	2,002	8.2	501	2.0	5,979	24.4	21,448	88.1
1989	749	3.0	2,057	8.3	2,083	8.4	444	1.8	5,848	23.7	20,977	84.8
1990	799	3.2	1,981	7.9	2,203	8.8	296	1.2	5,741	23.0	21,432	86.2
1991 ³	823	3.3	1,950	7.7	2,108	8.3	316	1.2	5,587	22.1	21,681	85.8

¹ Domestic disappearance data are computed by ERS. ² Includes edible tallow direct use beginning in 1979.

³ Preliminary. ⁴ Including paint, varnish, resin, plastic, and lubricants. ⁵ Including only fat content of butter and margarine.

Economic Research Service.

Table 194.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1985-91

[1982=100]

Year	All fats and oils excluding butter	Seventeen major fats and oils								
		All fats and oils	Classified by origin		Classified by use					
			Animal	Vegetable	Edible			Industrial		
				Domestic origin	Butter	Lard	All edible	Soap fats	Drying oils	All industrial
1985.....	84.2	73.1	85.2	131.3	104.5	106.7	78.8	104.4	111.9	104.7
1986.....	70.7	61.7	70.9	86.2	98.3	90.2	66.5	86.4	94.2	86.6
1987.....	69.1	60.2	69.2	87.8	95.3	88.9	64.9	94.2	79.1	90.2
1988.....	79.9	64.5	67.6	125.7	90.7	95.3	68.8	112.4	102.3	108.5
1989.....	72.4	59.8	64.2	113.5	88.0	105.3	64.0	98.2	130.8	99.0
1990.....	75.7	57.8	54.9	125.2	n.a.	104.2	62.9	88.1	113.1	88.4
1991.....	69.3	53.9	53.6	112.9	n.a.	104.6	58.0	87.5	99.6	86.5

n.a. not available.

Economic Research Service.

Table 195.—Fats and oils: Wholesale price per pound, 1987-91

Item and market ²	1987	1988	1989	1990	1991 ¹
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Castor oil, No. 1, Brazilian, tanks, imported, New York	39.2	48.9	50.8	48.6	36.33
Coconut oil, crude, tanks, f.o.b. New York	23.3	27.7	27.9	20.7	24.3
Corn oil, crude, tank cars, f.o.b. Decatur	21.5	23.6	21.0	25.4	28.4
Cottonseed oil, crude, tank cars, f.o.b. Valley	18.0	23.3	19.8	23.9	20.7
Linseed oil, raw, tank cars, Minneapolis	24.8	32.6	40.3	40.1	34.5
Margarine, yellow quarters, f.o.b. Chicago	36.9	48.3	49.1	54.4	55.4
Palm oil, U.S. ports, refined	17.3	21.4	17.9	14.9	19.6
Rapeseed oil, refined (denatured), tanks, New York	64.2	64.4	77.2	81.1	82.3
Safflower oil, tanks, New York	52.1	52.5	53.8	55.1	49.2
Soybean oil, crude, tank cars, f.o.b. Decatur	15.5	24.3	20.7	23.4	20.3
Sunflower oil, crude, Minneapolis	16.0	23.6	22.7	22.1	23.4
Tallow, inedible, number delivered Chicago	14.9	16.6	14.4	13.7	13.3
Tung oil, imported, drums, f.o.b. New York	53.4	51.7	41.0	55.1	63.1

¹Preliminary. ²All prices are calendar year basis.

Economic Research Service. Compiled from the Chemical Marketing Reporter, the National Provisioner, the Wall Street Journal, and the U.S. Department of Labor.

CHAPTER IV

STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables and melons.

For potatoes and sweetpotatoes, the estimates of area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of 5 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual area harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made is included in the fresh market estimates. The processed segment of production for asparagus, broccoli, carrots, and cauliflower, combined with fresh market production during the year, is published at the end of the season, separately. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans and spinach were discontinued. Asparagus and cucumbers for pickles were reinstated in 1984.

Seasonal Groups and Marketing Period

Prospective Area For Harvest

Winter: January, February, March

Summer: July, August, September

Spring: April, May, June

Fall: October, November, December

Annual Acreage, Yield, Production, and Value

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later period, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Commercial vegetables for fresh market include 10 principal vegetable and melon crops in the major producing States. Earlier years include the following additional crops: artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peas, green peppers, spinach, and watermelon. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of celery and onions are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis. For processed vegetables, value per unit and total value are at processing plant door.

Table 196.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1977-91

Year	Area ¹			Production ⁴			Value ⁵		
	For fresh market ²	For processing ³	Total	For fresh market ²	For processing ³	Total	For fresh market ²	For processing ³	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1977	1,578,830	1,638,120	3,216,950	12,741,050	12,612,450	25,353,500	2,351,737	945,180	3,296,917
1978	1,643,650	1,611,960	3,255,610	13,140,000	11,323,490	24,463,490	2,786,530	874,768	3,661,298
1979	1,645,520	1,652,480	3,298,000	13,480,750	12,576,010	26,056,760	2,931,404	1,030,239	4,011,643
1980	1,617,770	1,427,130	3,044,900	13,339,650	10,806,620	24,146,270	3,193,362	864,449	4,057,811
1981	1,617,950	1,353,540	2,971,490	13,858,450	10,416,530	24,274,980	3,700,690	904,896	4,605,586
1982 ⁶	939,350	1,250,440	2,189,790	10,360,150	11,179,590	21,539,740	2,648,660	909,738	3,558,398
1983 ⁶	935,350	1,197,350	2,132,700	9,905,400	10,270,050	20,175,450	2,863,593	800,600	3,664,193
1984 ⁶	1,071,930	1,369,760	2,441,690	10,803,700	12,013,020	22,816,720	3,102,955	1,015,042	4,117,997
1985	1,070,740	1,391,780	2,462,520	10,859,650	11,791,860	22,651,510	2,926,791	1,023,933	3,950,724
1986	1,069,730	1,239,200	2,308,930	10,809,700	11,621,740	22,431,440	3,221,498	928,191	4,149,689
1987	1,122,320	1,312,260	2,434,580	11,683,900	12,235,130	23,919,020	3,630,350	942,046	4,572,396
1988	1,129,850	1,341,540	2,471,390	12,055,650	11,383,320	23,438,970	3,860,040	898,857	4,758,897
1989	1,145,500	1,474,970	2,620,470	12,671,000	14,450,860	27,121,860	4,169,365	1,256,975	5,426,340
1990	1,120,390	1,547,500	2,667,890	12,681,750	15,453,480	28,085,230	3,682,628	1,332,812	5,015,440
1991 ⁶	1,066,100	1,573,930	2,640,030	12,053,100	16,161,880	28,214,980	3,881,477	1,360,122	5,241,599

¹ Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. ² Area, production, and farm value of the following 22 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons. ³ Area, production, and farm value of the following 9 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates. ⁴ Production for fresh market excludes some quantities not marketed because of low prices or other economic factors. ⁵ Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door. ⁶ Beginning with crop year 1982, acreage, yield, production, price and value estimates have been discontinued for the following crops—fresh market vegetables: Artichokes, asparagus, snap beans, brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peppers, spinach, and watermelons; processing vegetables: Lima beans, beets, cabbage (sauerkraut), cucumbers (pickles), spinach, and asparagus. Estimates for these crops are not in *Agricultural Statistics*. ⁷ Due to program modification, 1983 data are not comparable with 1982 and earlier or 1984 and later for fresh market vegetables. ⁸ Estimates for asparagus and cucumbers for pickles reinstated with the 1984 crop. ⁹ Preliminary.

National Agricultural Statistics Service.

Table 197—Vegetables, commercial: Area of principal crops, by States, 1989-91¹

State	For fresh market ²			For processing ⁴			Total		
	1989	1990	1991 ³	1989	1990	1991 ³	1989	1990	1991 ³
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL.....	6,000	5,900	6,000	2,670	1,500	1,700	8,670	7,400	7,700
AZ.....	67,700	66,900	66,200				67,700	66,900	66,200
AR.....	1,000	1,000	800	5,400	2,500	4,500	6,400	3,500	5,300
CA.....	551,000	543,800	503,500	292,700	330,400	328,300	843,700	874,200	831,800
CO.....	20,800	21,500	21,900	1,490	850	1,050	22,290	22,350	22,950
CT.....	4,000	4,200	3,700				4,000	4,200	3,700
DE.....				20,570	22,990	20,980	20,570	22,990	20,980
FL.....	135,600	123,900	114,600	6,000	4,810	3,320	141,600	128,710	117,920
GA.....	7,400	9,100	8,600	4,500	4,500	3,600	11,900	13,600	12,200
HI.....	510	530	490				510	530	490
ID.....	7,400	7,600	8,000	31,440	33,660	35,930	38,840	41,260	43,930
IL.....	5,900	5,490	6,680	80,900	81,600	91,400	86,800	87,090	98,080
IN.....	1,700	1,680	1,680	16,600	17,800	14,500	18,300	19,480	16,180
IA.....				11,270	10,800	12,860	11,270	10,800	12,860
LA.....	340	(⁵)	(⁵)	950			1,290	(⁵)	(⁵)
MD.....	2,810	2,930	2,940	14,570	18,220	17,120	17,380	21,150	20,060
MA.....	8,350	7,660	7,530	300			8,650	7,660	7,530
MI.....	57,100	57,500	57,900	54,300	62,100	63,400	111,400	119,600	121,300
MN.....	4,270	4,540	4,680	186,820	221,880	227,170	191,090	226,420	231,850
NJ.....	17,900	18,900	18,600	8,870	10,380	8,620	26,770	29,280	27,220
NM.....	9,500	9,700	9,200				9,500	9,700	9,200
NY.....	45,230	48,260	47,580	65,550	64,490	66,770	110,780	112,750	114,350
NC.....	6,700	6,600	6,500	27,340	24,930	22,040	34,040	31,530	28,540
OH.....	16,890	15,200	15,320	21,400	23,140	22,600	38,290	38,340	37,920
OR.....	24,500	25,300	26,800	107,700	109,900	109,500	132,200	135,200	136,300
PA.....	21,100	22,900	20,000	12,200	17,600	13,300	33,300	40,500	33,300
SC.....	3,600	3,700	3,700	11,510	10,400	10,750	15,110	14,100	14,450
TN.....	3,600	4,300	4,700	5,400	5,000	5,000	9,000	9,300	9,700
TX.....	53,200	40,600	38,300	27,500	18,800	12,100	80,700	59,400	50,400
UT.....	1,900	1,900	1,900	2,400	2,600	2,400	4,300	4,500	4,300
VA.....	5,000	5,400	5,600	4,820	2,210	3,570	9,820	7,610	9,170
WA.....	49,900	47,900	48,200	109,700	117,200	118,400	159,600	165,100	166,600
WI.....	4,600	5,500	4,500	326,200	315,800	340,300	330,800	321,300	344,800
Other States ⁶				13,900	11,440	12,750	13,900	11,440	12,750
US.....	1,145,500	1,120,390	1,066,100	1,474,970	1,547,500	1,573,930	2,620,470	2,667,890	2,640,030

¹ Area for fresh market is area for harvest. Area for processing is area harvested. ² Area of the following crops for which regular seasonal estimates are prepared in major producing States: Asparagus, broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes. ³ Preliminary. ⁴ Includes snapbeans, sweet corn, cucumbers for pickles, green peas, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. ⁵ Estimates discontinued in 1990. ⁶ AZ, KY, LA, ME, MA, MS, MO, and OK.

National Agricultural Statistics Service.

Table 198.—Vegetables, commercial: Production of principal crops, by States, 1989-91

State	For fresh market ¹			For processing ³			Total		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
AL.....	24,450	29,700	30,600	3,500	5,670	6,600	27,950	35,370	37,200
AZ.....	761,150	770,600	888,700				761,150	770,600	888,700
AR.....	7,000	12,250	11,200	19,200	4,120	7,490	26,200	16,370	18,690
CA.....	6,852,600	6,837,100	6,238,400	8,662,340	9,403,930	9,974,490	15,514,940	16,241,030	16,212,890
CO.....	360,750	357,200	351,100	14,170	10,330	9,630	374,920	367,530	360,730
CT.....	12,800	14,500	12,050				12,800	14,500	12,050
DE.....				62,930	73,040	60,780	62,930	73,040	60,780
FL.....	1,483,300	1,353,450	1,294,050	33,010	27,500	24,390	1,516,310	1,380,950	1,318,440
GA.....	58,750	98,350	72,650	15,210	13,140	12,730	73,960	111,490	85,380
HI.....	4,400	3,950	4,500				4,400	3,950	4,500
ID.....	199,800	222,300	244,000	203,500	191,440	212,400	403,300	413,740	456,400
IL.....	22,600	22,700	27,650	360,470	310,320	350,700	383,070	333,020	378,350
IN.....	11,000	10,650	10,300	198,640	235,300	242,290	209,640	245,950	252,590
IA.....				69,890	70,270	71,760	69,890	70,270	71,760
LA.....	1,550	(*)	(*)	2,700	(*)	(*)	4,250	(*)	(*)
MD.....	16,500	19,900	22,650	61,180	94,580	80,270	77,680	114,480	102,920
MA.....	39,350	35,700	32,900	6,000			45,350	35,700	32,900
MI.....	326,400	361,600	331,750	353,970	421,220	440,140	680,370	782,820	771,890
MN.....	42,000	43,600	43,100	791,450	887,740	908,220	833,450	931,340	951,320
NJ.....	72,150	97,400	92,850	48,080	77,590	64,560	120,230	174,990	157,410
NM.....	173,500	161,300	176,550				173,500	161,300	176,550
NY.....	336,750	429,100	372,000	233,280	294,530	225,490	570,030	723,630	597,490
NC.....	29,900	31,950	28,300	88,270	98,810	94,270	118,170	130,760	122,570
OH.....	116,650	110,250	112,850	431,070	487,070	440,650	547,720	597,320	553,500
OR.....	430,400	457,450	489,900	646,360	617,310	625,950	1,076,760	1,074,760	1,115,850
PA.....	112,700	75,150	50,150	62,650	83,530	51,220	175,350	158,680	101,370
SC.....	70,200	62,000	58,300	38,690	48,020	32,930	108,890	110,020	91,230
TN.....	25,200	43,000	42,300	10,300	8,900	8,300	35,500	51,900	50,600
TX.....	452,750	318,850	356,500	107,610	65,780	62,150	560,360	384,630	418,650
UT.....	42,300	45,600	43,700	7,270	8,890	9,700	49,570	54,490	53,400
VA.....	65,250	77,750	78,050	18,730	18,630	13,620	83,980	96,380	91,670
WA.....	416,050	407,900	444,250	591,790	592,170	631,470	1,007,840	1,000,070	1,075,720
WI.....	102,800	120,500	91,800	1,272,390	1,266,850	1,466,860	1,375,190	1,387,350	1,558,660
Other States ⁴				36,210	36,800	32,820	36,210	36,800	32,820
US.....	12,671,000	12,631,750	12,053,100	14,450,860	15,453,480	16,161,880	27,121,860	28,085,230	28,214,980

¹ Production of the following crops for which regular seasonal estimates are prepared in major producing States: Asparagus, broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

² Preliminary.

³ Includes snapbeans, sweet corn, cucumbers for pickles, green peas, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates.

⁴ Estimates discontinued in 1990: AZ, KY, LA, ME, MA, MS, MO, and OK.

National Agricultural Statistics Service.

Table 199.—Vegetables, commercial: Value of principal crops, by States, 1989-91

State	For fresh market ¹			For processing ³			Total		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	9,996	12,741	11,626	821	1,004	1,294	10,817	13,745	12,920
AZ.....	235,470	143,433	201,555				235,470	143,433	201,555
AR.....	4,956	8,624	9,072	2,752	902	1,643	7,708	9,526	10,715
CA.....	1,962,474	1,975,058	1,816,561	603,369	639,188	659,864	2,565,843	2,614,246	2,476,425
CO.....	77,758	65,662	68,610	1,821	1,322	1,049	79,579	66,984	69,659
CT.....	5,888	5,829	4,555				5,888	5,829	4,555
DE.....				8,472	10,933	9,420	8,472	10,933	9,420
FL.....	931,800	582,184	741,558	7,829	7,052	6,155	939,629	589,236	747,713
GA.....	30,232	56,031	54,493	3,146	2,768	2,649	33,378	58,799	57,142
HI.....	4,334	4,376	4,410				4,334	4,376	4,410
ID.....	39,230	34,234	47,432	15,160	16,230	19,568	54,390	50,464	67,000
IL.....	9,109	6,697	9,044	42,389	39,477	44,333	51,498	46,174	53,377
IN.....	6,081	6,846	5,826	18,687	23,137	22,760	24,768	29,983	28,586
IA.....				5,078	4,184	4,944	5,078	4,184	4,944
LA.....	1,178	(*)	(*)	329	(*)	(*)	1,507	(*)	(*)
MD.....	8,889	14,965	20,134	8,786	11,850	10,044	17,175	26,815	30,178
MA.....	20,700	17,848	16,183	816			21,516	17,848	16,183
MI.....	87,684	85,100	89,838	45,961	52,885	51,817	133,645	137,985	141,655
MN.....	6,132	6,655	6,854	72,015	78,391	79,530	78,147	85,046	86,384
NJ.....	30,569	34,454	31,866	6,361	9,526	8,289	36,930	43,980	40,155
NM.....	50,651	32,866	56,628				50,651	32,866	56,628
NY.....	106,408	111,986	126,945	28,018	31,985	29,224	134,426	143,971	156,169
NC.....	9,350	10,857	8,860	19,702	23,313	24,197	29,052	34,170	33,057
OH.....	37,854	30,032	42,673	37,973	44,629	42,567	75,827	74,661	85,240
OR.....	96,547	88,989	106,877	77,806	77,674	79,097	174,353	166,663	185,974
PA.....	47,509	28,393	21,900	7,809	11,352	5,826	55,318	39,745	27,726
SC.....	32,292	28,024	58,300	8,271	10,422	7,563	40,563	38,446	65,863
TN.....	12,600	20,640	17,766	2,298	2,047	1,992	14,898	22,687	19,758
TX.....	125,451	96,860	126,712	22,770	14,894	14,399	148,221	111,754	141,111
UT.....	6,339	6,821	5,593	1,156	1,085	1,785	7,495	7,906	7,378
VA.....	43,176	44,889	34,963	3,050	2,376	1,877	46,226	47,265	36,840
WA.....	117,412	107,119	122,582	64,978	65,702	74,033	182,390	172,821	196,615
WI.....	11,796	14,415	12,061	132,289	140,637	147,688	144,085	155,052	159,749
Other States ⁵				7,063	7,847	6,515	7,063	7,847	6,515
US.....	4,169,365	3,682,628	3,881,477	1,256,975	1,332,812	1,360,122	5,426,340	5,015,440	5,241,599

¹ Value of the following crops for which regular seasonal estimates are prepared in major producing States: Asparagus, broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

² Preliminary. ³ Includes snapbeans, sweet corn, cucumbers for pickles, green peas, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. ⁴ Estimates discontinued in 1990.

⁵ AZ, KY, LA, ME, MA, MS, MO, and OK.

National Agricultural Statistics Service.

Table 200.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1972-91

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value ¹		Production	Value ¹		Production	Value ²	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1977.....	87,520	25	2,200	36.90	81,218	733	47.00	34,427	73,350	638.00	46,791
1978.....	83,830	22	1,861	43.70	81,256	701	52.20	36,559	58,000	771.00	44,697
1979.....	80,660	24	1,911	51.50	98,366	640	64.40	41,214	63,500	900.00	57,152
1980.....	82,950	20	1,671	49.10	82,118	784	58.10	45,535	44,410	824.00	36,583
1981.....	81,990	21	1,712	58.50	100,157	819	70.50	57,749	44,640	950.00	42,408
1982 ³											
1983 ³											
1984 ⁴	89,930	21	1,896	61.40	116,501	1,043	73.70	76,900	42,690	928.00	39,601
1985.....	91,450	23	2,136	64.40	137,492	1,152	79.30	91,343	49,210	938.00	46,149
1986.....	96,180	23	2,230	61.40	136,969	1,387	70.60	97,941	42,080	927.00	39,028
1987.....	99,840	24	2,347	57.30	135,705	1,388	65.60	91,102	47,880	932.00	44,603
1988.....	100,910	24	2,422	62.80	152,108	1,481	70.50	104,387	47,030	1,010.00	47,721
1989.....	98,510	25	2,495	60.00	149,622	1,492	68.20	101,760	50,140	955.00	47,862
1990.....	95,600	26	2,447	60.60	148,380	1,435	68.60	98,419	50,600	987.00	49,961
1991 ⁵	91,800	25	2,253	66.80	150,456	1,377	78.90	108,591	43,820	955.00	41,865

¹ Price and value on F.O.B. basis.² Price and value at processing plant door.³ Data not available.⁴ Estimates reinstated with 1984 crop.⁵ Preliminary.

National Agricultural Statistics Service.

Table 201.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1989-91

State	Area Harvested ¹			Production			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
CA.....	37,500	35,900	33,500	1,088	1,041	938	66.20	68.00	78.10
IL.....	800	790	780	13	17	16	69.20	59.80	68.50
MI.....	23,000	23,500	23,500	253	259	259	58.40	56.70	54.50
NJ.....	1,500	1,400	1,400	38	32	24	64.80	68.00	75.90
WA.....	32,000	30,000	29,000	1,024	1,020	957	53.80	53.80	59.50
Other States ³	3,710	4,010	3,620	79	78	59	56.00	60.90	54.60
US.....	98,510	95,600	91,800	2,495	2,447	2,253	60.00	60.60	66.80

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
MI.....	33	51	53	68.00	67.70	68.30	11,000	10,400	10,300	1,140.00	1,080.00	1,020.00
NJ.....	38	32	24	64.80	68.00	75.90						
WA.....	324	280	333	73.30	69.80	84.30	35,000	37,000	31,200	895.00	956.00	925.00
Other States ⁴	1,097	1,072	967	66.80	68.30	77.60	4,140	3,200	2,320	966.00	1,050.00	1,080.00
US.....	1,492	1,435	1,377	68.20	68.60	78.90	50,140	50,600	43,820	955.00	987.00	955.00

¹ Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments. ² Preliminary. ³ Indiana, Maryland, Minnesota, and Oregon. ⁴ California, Illinois, Indiana, Maryland, Minnesota, and Oregon.

National Agricultural Statistics Service.

Table 202.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1977-91

Year	Area harvested	Yield per acre	Production	Value ¹		Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total					Per ton	Total
	Acres	Tons	Tons	Dollars	1,000 dollars		Acres	Tons	Tons	Dollars	1,000 dollars
1977	257,640	2.62	675,450	145.00	98,170	1985	222,160	3.16	702,490	169.00	118,799
1978	280,350	2.56	716,600	146.00	104,630	1986	190,560	3.20	609,400	160.00	97,262
1979	285,420	2.69	769,130	153.00	117,869	1987	224,010	3.06	685,830	160.00	109,609
1980	255,690	2.75	704,230	156.00	110,034	1988	217,650	2.70	588,280	168.00	98,630
1981	218,300	3.08	672,170	166.00	111,394	1989	249,000	3.49	869,700	174.00	151,379
1982	204,410	3.15	643,860	166.00	106,610	1990	246,130	3.23	795,980	183.00	145,598
1983	196,730	2.99	587,410	160.00	94,252	1991 ²	235,050	3.31	778,670	176.00	136,966
1984	216,640	3.07	666,110	171.00	113,935						

¹ Price and value at processing plant door. ² Preliminary.

National Agricultural Statistics Service.

Table 203.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1989-91

State	Area harvested			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Acres	Acres	Acres	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
GA	2,700	2,700		6,210	5,940		253.00	254.00	
IL	24,800	24,600	22,800	82,090	59,290	59,740	216.00	223.00	209.00
IN	4,600	6,600	3,100	14,630	16,630	7,870	229.00	226.00	149.00
MI	21,500	27,000	26,500	62,350	79,650	82,150	166.00	170.00	157.00
MN	5,900	6,800		22,660	18,360		111.00	135.00	
NY	25,200	22,600	23,400	69,550	70,060	73,710	188.00	184.00	190.00
OR	25,700	25,400	24,200	173,990	147,320	137,940	176.00	186.00	184.00
PA	5,700	8,500	6,200	14,540	24,910	9,420	226.00	212.00	218.00
TN	5,200	5,000	5,000	9,100	8,900	8,300	240.00	230.00	240.00
WA	1,100	(³)	(³)	4,790	(³)	(³)	184.00	(³)	(³)
WI	82,500	78,700	78,500	281,330	257,350	285,740	152.00	167.00	151.00
Other States ²	44,100	38,230	45,350	128,460	107,570	113,800	179.00	191.00	210.00
Total	249,000	246,130	235,050	869,700	795,980	778,670	174.00	183.00	176.00

¹ Preliminary. ² 1989—AL, AR, CA, DE, FL, ID, IA, LA, MD, MO, NJ, NC, OH, OK, SC, TX, UT. 1990—AZ, AR, CA, DE, FL, ID, MD, MO, NJ, NC, OH, OK, SC, TX, UT, VA, WA. 1991—AZ, AR, CA, DE, FL, GA, ID, IA, MD, MN, MO, NJ, NC, OH, OK, SC, TX, UT, VA, WA. ³ Estimates discontinued in 1990.

National Agricultural Statistics Service.

Table 204.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1977-91¹

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value ²		Production	Value ²		Production	Value ³	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1977.....	70,890	80	5,694	16.30	92,748	2,572	19.70	50,562	156,100	270.00	42,186
1978.....	68,300	79	5,399	18.10	97,619	2,647	21.70	57,330	137,600	293.00	40,289
1979.....	70,900	89	6,301	19.20	120,913	3,255	22.20	72,286	152,300	319.00	48,627
1980.....	77,850	87	6,753	21.40	144,613	3,795	23.50	89,327	147,900	374.00	55,286
1981.....	78,520	96	7,522	23.30	175,132	4,517	26.30	118,645	150,240	376.00	56,487
1982.....	92,000	96	8,819	24.00	211,248	5,414	26.70	144,799	170,220	390.00	66,449
1983 ⁴	91,500	91	8,326	25.30	210,250	5,582	28.20	157,426	137,220	385.00	52,824
1984.....	106,500	97	10,282	23.10	237,762	6,740	25.10	168,846	177,090	389.00	68,916
1985.....	109,500	97	10,627	22.50	239,345	7,154	24.20	173,053	173,660	382.00	66,292
1986.....	119,100	97	11,529	20.80	239,739	8,442	21.90	184,665	154,350	357.00	55,074
1987.....	121,700	95	11,510	20.80	239,548	8,599	21.90	188,241	145,540	353.00	51,307
1988.....	114,400	112	12,792	22.80	292,240	10,022	24.00	240,431	138,480	374.00	51,809
1989.....	116,800	116	13,513	20.40	276,050	10,744	21.00	225,472	138,450	365.00	50,578
1990.....	110,800	111	12,345	21.70	268,220	9,893	22.30	220,437	122,600	390.00	47,783
1991 ⁵	101,000	111	11,190	21.60	242,155	9,368	22.00	206,501	91,100	391.00	35,654

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. ² Price and value on f.o.b. basis. ³ Price and value at processing plant door. ⁴ Due to program modifications, 1983 data are not comparable with 1982 and earlier or 1984 and later data. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 205.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 1989-90¹

State	Area harvested			Production			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
AZ.....	5,400	5,100	6,500	540	587	618	20.60	18.70	24.40
CA.....	101,600	97,500	88,000	12,192	11,213	10,120	20.00	21.80	21.30
OR.....	3,100	3,100	3,100	285	264	248	22.10	23.80	21.30
TX.....	6,700	5,100	3,400	496	281	204	22.60	22.30	30.60
US.....	116,800	110,800	101,000	13,513	12,345	11,190	20.40	21.70	21.60

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
AZ.....	540	587	618	20.60	18.70	24.40	120,000	105,000	78,000	368.00	395.00	393.00
CA.....	9,792	9,113	8,560	20.40	22.30	21.60	18,450	17,600	13,100	348.00	358.00	382.00
Other States ³	412	193	190	35.40	32.30	34.30	138,450	122,600	91,100	365.00	390.00	391.00
US.....	10,744	9,893	9,368	21.00	22.30	22.00	138,450	122,600	91,100	365.00	390.00	391.00

¹ Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. ² Preliminary. ³ Oregon and Texas.

National Agricultural Statistics Service.

Table 206.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1989-91

State	Area harvested			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AZ.....	1,400	1,500	1,000	238	195	160	15.70	9.73	12.40
CA.....	57,300	56,100	56,000	16,617	17,391	15,680	12.10	10.40	12.80
CO.....	1,400	1,300	1,400	532	449	539	8.35	7.60	8.00
FL.....	9,400	7,200	9,000	940	1,080	1,035	16.00	16.30	21.80
MI.....	6,800	6,700	6,800	1,666	1,876	1,700	8.43	9.20	10.30
MN.....	1,800	1,900	1,800	657	637	549	5.38	5.80	6.32
NY.....	1,200	1,200	1,200	432	438	516	8.91	8.55	14.60
OR.....	1,300	1,500	1,800	748	780	918	9.20	11.00	9.12
TX.....	9,900	5,300	6,300	1,683	848	1,260	11.60	8.63	11.40
WA.....	6,300	6,300	6,800	3,276	3,087	3,400	4.40	4.86	5.26
WI.....	3,300	4,000	2,900	1,568	1,780	1,276	5.44	6.51	5.71
Other States ²	1,800	1,400	2,300	630	676	794	3.11	3.42	3.12
US.....	101,900	94,400	97,300	28,987	29,237	27,827	10.30	9.32	11.10

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
AZ.....	238	195	160	15.70	9.73	12.40						
CA.....	14,102	15,291	13,680	13.70	11.20	14.00	125,750	105,000	100,000	64.70	85.00	95.50
CO.....	532	449	539	8.35	7.60	8.00						
FL.....	940	1,080	1,035	16.00	16.30	21.80						
MI.....	978	1,316	1,279	12.50	11.90	12.70	34,380	28,000	21,060	53.00	56.80	57.00
MN.....	333	244	159	7.50	10.50	13.60	16,200	19,650	19,500	64.00	57.70	67.20
NY.....	106	78	216	26.80	33.70	30.80	16,300	18,000	15,000	61.70	62.00	60.30
OR.....	410	402	494	15.00	19.00	15.00	16,910	18,900	21,200	43.40	49.30	45.50
TX.....	1,323	480	733	14.00	13.30	17.50	18,000	18,400	26,360	53.00	51.00	57.00
WA.....	739	647	760	10.50	13.70	15.80	126,850	122,000	132,000	52.40	50.30	44.50
Other States ³	112	223	172	28.00	27.00	20.00	104,320	111,660	94,900	70.40	70.50	66.60
US.....	19,813	20,405	19,227	13.60	12.00	14.60	458,710	441,610	430,020	60.30	64.90	64.20

¹ Preliminary. ² New Jersey and Ohio. ³ New Jersey, Ohio, and Wisconsin.
National Agricultural Statistics Service.

Table 207.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1977-91

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production ¹	Value ²		Production	Value ²		Production	Value ³	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1977.....	69,630	277	19,271	7.20	138,664	10,735	11.20	120,026	426,800	43.70	18,638
1978.....	76,770	258	19,824	6.74	133,603	11,374	10.00	114,275	422,520	45.70	19,328
1979.....	86,040	257	22,124	7.16	158,376	12,880	10.60	136,863	462,200	46.50	21,513
1980.....	81,800	255	20,888	8.33	173,905	13,704	11.30	154,853	359,170	53.00	19,052
1981.....	84,350	259	21,831	9.11	198,961	14,511	12.30	178,758	365,960	55.20	20,203
1982.....	86,850	277	24,081	8.68	208,985	15,685	11.90	185,897	419,830	55.00	23,088
1983 ⁴	87,300	265	23,106	9.37	216,422	15,234	12.70	192,886	393,570	59.80	23,536
1984.....	93,740	252	23,606	10.60	249,761	15,616	14.40	224,240	399,520	63.90	25,521
1985.....	89,800	254	22,772	9.05	206,190	15,345	11.90	182,265	371,370	64.40	23,925
1986.....	86,600	272	23,540	10.00	236,476	16,060	13.30	213,141	373,970	62.40	23,335
1987.....	99,600	288	28,720	8.66	248,626	20,896	10.80	225,570	391,220	58.90	23,056
1988.....	97,550	265	25,867	10.30	267,552	18,235	13.30	241,751	381,590	67.60	25,801
1989.....	101,900	284	28,987	10.30	297,227	19,813	13.60	269,548	458,710	60.30	27,679
1990.....	94,400	310	29,237	9.32	272,573	20,405	12.00	243,930	441,610	64.90	28,643
1991 ⁵	97,300	286	27,827	11.10	308,749	19,227	14.60	281,123	430,020	64.20	27,626

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 5 in 1977 and 37 in 1978. ² Price and value on f.o.b. basis. ³ Price and value at processing plant door.

⁴ Due to program modifications, 1983 data are not comparable with 1982 and earlier and 1984 and later data.

⁵ Preliminary.

National Agricultural Statistics Service.

Table 208.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1977-91¹

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value ²		Production	Value ²		Production	Value ³	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1977.....	37,210	99	3,674	17.50	64,434	2,113	23.20	49,119	78,050	196.00	15,315
1978.....	41,450	92	3,808	18.20	69,154	1,817	26.40	47,983	99,550	213.00	21,171
1979.....	42,750	96	4,117	19.70	81,121	2,627	25.20	66,137	74,530	201.00	14,984
1980.....	43,320	98	4,255	22.50	95,762	2,801	28.20	79,043	72,720	230.00	16,719
1981.....	46,020	113	5,209	24.10	125,307	3,477	30.00	104,358	86,590	242.00	20,949
1982.....	51,400	104	5,370	24.50	131,336	3,420	31.20	106,720	97,530	252.00	24,616
1983 ⁴	54,600	99	5,414	25.80	139,920	3,704	32.00	118,395	85,510	252.00	21,525
1984.....	60,800	110	6,688	26.20	174,931	4,817	31.10	150,031	98,560	266.00	24,900
1985.....	61,200	109	6,664	25.40	169,133	4,904	29.80	145,955	87,940	264.00	23,178
1986.....	67,800	111	7,527	25.50	191,863	5,906	28.80	170,020	81,060	269.00	21,843
1987.....	66,100	112	7,375	25.40	187,555	5,928	28.30	167,728	72,330	274.00	19,827
1988.....	62,800	125	7,874	25.70	202,113	6,500	28.10	182,972	68,690	279.00	19,141
1989.....	67,700	116	7,846	26.10	204,840	6,653	28.10	187,169	59,630	296.00	17,671
1990.....	65,800	119	7,855	24.20	190,350	6,620	25.20	166,504	61,730	386.00	23,846
1991 ⁵	56,100	126	7,041	26.80	188,395	6,284	27.10	170,272	37,850	479.00	18,123

¹ Includes heading (cauliflower) broccoli. ² Price and value on f.o.b. basis. ³ Price and value at processing plant door.

⁴ Due to program modifications, 1983 data are not comparable with 1982 and earlier and 1984 and later data. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 209.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1989-91¹

State	Area harvested			Production			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
AZ.....	6,800	6,400	5,800	782	672	725	28.10	23.70	31.10
CA.....	52,500	51,300	42,000	6,038	6,156	5,460	26.70	24.80	26.60
MI.....	1,200	1,000	1,100	72	70	72	33.00	39.40	30.80
NY:									
Long Island.....	1,300	1,200	1,000	150	144	160	28.60	26.10	26.00
Upstate.....	1,400	1,400	1,400	168	168	189	31.10	27.70	27.60
OR.....	3,000	3,500	3,900	540	595	390	15.60	16.20	22.10
TX.....	1,500	1,000	900	96	50	45	15.40	13.60	12.50
US.....	67,700	65,800	56,100	7,846	7,855	7,041	26.10	24.20	26.80

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
AZ.....	782	672	725	28.10	23.70	31.10						
CA.....	5,378	5,506	5,110	27.80	24.80	26.40	33,000	32,500	17,500	350.00	504.00	580.00
Other States ³	493	442	449	31.80	31.70	28.60	26,630	29,230	20,350	230.00	255.00	392.00
US.....	6,653	6,620	6,284	28.10	25.20	27.10	59,630	61,730	37,850	296.00	386.00	479.00

¹ Includes heading (cauliflower) broccoli. ² Preliminary. ³ Michigan, New York, Oregon, and Texas.
National Agricultural Statistics Service.

Table 210.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1989-91¹

State	Area harvested			Production			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
CA:									
Southern Coast.....	11,300	12,500	10,500	6,159	7,063	7,088	14.60	11.30	12.10
Central Coast.....	10,500	12,300	10,400	8,453	7,749	6,916	11.20	10.30	8.41
FL.....	8,000	8,200	7,400	3,320	3,198	2,849	15.80	11.40	13.20
MI.....	2,800	3,000	2,900	1,064	1,290	1,218	13.30	9.99	10.30
NY.....	430	360	380	172	108	175	18.40	14.10	16.80
OH.....	400	300	330	186	128	145	11.20	9.86	10.20
TX.....	1,900	1,000	1,100	922	280	699	12.60	9.20	10.60
US.....	35,330	37,660	33,010	20,276	19,816	19,090	13.20	10.80	10.80

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Preliminary.
National Agricultural Statistics Service.

Table 211.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1977-91 ¹

Year	Area for harvest	Yield per acre	Production	Value ²		Year	Area for harvest	Yield per acre	Production	Value ²	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1977	33,760	491	16,561	8.51	140,978	1984	35,050	535	18,757	12.20	228,304
1978	36,830	467	17,201	11.90	204,941	1985	33,860	542	18,349	10.30	189,527
1979	35,720	493	17,603	9.15	161,042	1986	33,340	528	17,614	12.00	211,065
1980	37,250	501	18,655	9.11	169,896	1987	33,940	526	17,847	11.10	198,833
1981	36,720	507	18,628	10.80	200,622	1988	33,980	572	19,423	11.90	230,762
1982	36,440	525	19,139	10.20	194,587	1989	35,330	574	20,276	13.20	268,266
1983	34,780	526	18,287	13.70	250,185	1990	37,660	526	19,816	10.80	214,708
						1991 ³	33,010	578	19,090	10.80	205,701

¹ Mostly for fresh market use, but includes quantities used for processing.

² Price and value on f.o.b. basis.

³ Preliminary.

National Agricultural Statistics Service.

Table 212.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1977-91

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production ¹	Value ²		Area for harvest	Yield per acre	Production	Value ³	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1977	176,800	81	14,343	8.07	115,775	453,980	5.23	2,376,200	49.60	117,879
1978	181,100	78	14,061	8.84	124,239	429,610	5.67	2,434,700	49.90	121,445
1979	179,800	78	14,033	9.89	138,730	417,640	5.90	2,463,940	51.30	126,439
1980	180,450	79	14,281	10.70	152,890	375,400	5.75	2,158,010	53.70	115,824
1981	183,700	78	14,288	11.60	165,669	401,000	5.93	2,373,170	63.10	150,048
1982	186,100	78	14,435	12.20	176,016	446,900	6.13	2,740,450	61.40	168,165
1983	190,900	78	14,874	12.50	185,737	399,800	5.57	2,227,060	59.80	133,233
1984	193,300	81	15,607	13.10	204,978	427,200	5.97	2,552,170	63.70	162,530
1985	191,100	82	15,754	12.70	200,602	435,300	6.06	2,640,000	63.40	167,297
1986	185,200	81	15,050	13.90	209,318	413,380	6.19	2,559,440	58.90	150,821
1987	194,300	81	15,664	12.90	201,555	430,920	6.65	2,866,630	59.30	169,984
1988	180,600	80	14,401	14.80	213,196	446,200	5.42	2,420,400	60.80	147,070
1989	178,200	91	16,135	16.90	272,809	464,450	6.35	2,949,340	66.90	197,267
1990	185,800	90	16,741	15.00	250,858	490,080	6.37	3,120,610	69.60	217,040
1991 ⁴	173,200	85	14,697	17.10	251,008	545,860	6.22	3,396,080	71.30	242,123

¹ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 56 in 1978. ² Price and value on f.o.b. basis. ³ Price and value at processing plant door.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 213.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1989–91

Utilization and State	Area harvested			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
FOR FRESH MARKET	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AL.....	3,300	3,100	3,200	165	202	192	16.40	16.50	16.80
CA.....	17,500	20,000	16,300	2,013	1,900	1,956	16.10	16.70	16.30
CO.....	3,000	3,300	3,100	435	545	496	12.40	12.60	11.00
CT.....	4,000	4,200	3,700	256	290	241	23.00	20.10	18.90
FL.....	49,700	52,000	46,300	5,219	6,240	4,630	16.90	15.20	19.80
IL.....	5,100	4,700	5,900	439	437	537	18.70	13.00	17.40
MA.....	7,800	7,100	7,100	663	568	568	20.00	16.00	17.80
MI.....	11,800	12,500	12,800	802	788	845	17.50	14.30	17.50
NJ.....	8,600	9,500	9,000	533	741	756	17.80	14.10	15.50
NY.....	24,800	26,500	26,500	1,984	2,120	1,988	15.10	11.50	14.20
NC.....	5,400	5,200	4,900	351	338	294	15.80	15.20	14.50
OH.....	10,700	10,700	9,900	910	942	743	14.10	14.30	15.30
OR.....	2,400	2,300	2,600	276	253	286	20.40	21.50	18.00
PA.....	17,100	18,200	15,700	1,454	892	659	20.90	18.20	21.80
TX.....	2,500	2,400	1,600	125	144	80	13.90	15.50	19.60
VA.....	2,000	2,000	2,100	210	110	126	15.80	15.30	14.40
WA.....	2,500	2,100	2,500	300	231	300	12.70	13.80	10.40
US.....	178,200	185,800	173,200	16,135	16,741	14,697	16.90	15.00	17.10
FOR PROCESSING	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons ²</i>	<i>Tons ²</i>	<i>Tons ²</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
DE.....	6,300	6,100	6,700	34,400	35,200	35,710	68.70	71.50	104.00
ID.....	20,200	20,100	21,600	182,000	166,430	180,790	57.90	63.00	65.40
IL.....	36,100	34,500	44,000	202,520	178,370	215,600	66.50	82.60	90.00
MD.....	4,600	7,100	7,100	24,100	43,590	42,460	73.30	68.50	72.90
MI.....			6,300			41,330			77.00
MN.....	106,700	130,000	141,400	650,870	752,700	800,320	61.50	62.40	63.70
NY.....	27,700	29,700	31,100	110,800	166,320	118,180	60.80	59.70	70.20
OR.....	45,500	47,200	47,500	394,940	396,480	399,950	80.50	85.50	84.10
PA.....	2,000	3,500	2,700	9,780	16,100	11,560	54.00	58.90	56.40
WA.....	51,200	56,300	59,000	470,530	471,790	498,550	74.50	76.90	79.30
WI.....	152,000	141,200	166,700	810,160	809,080	1,000,200	63.00	65.90	65.20
Other States ³	12,150	14,380	11,760	59,240	84,550	51,430	66.70	58.90	50.40
US.....	464,450	490,080	545,860	2,949,340	3,120,610	3,396,080	66.90	69.60	71.30
Grand total.....	642,650	675,880	719,060	3,756,090	3,957,660	4,130,930	125.00	118.20	119.40

¹ Preliminary.² Tonnage in hush.³ 1989—IN, IA, MI, NJ, VA. 1990—IN, IA, MI, OH, VA. 1991—IN, IA, OH, VA.

National Agricultural Statistics Service.

Table 214.—Cucumbers, commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1977–91

Year	For processing					Pickle stocks on hand Oct. 1 ²
	Area har-vested	Yield per acre	Production	Value ¹		
				Per ton	Total	
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1977	123,790	5.04	623,850	126.00	78,651	494,550
1978	134,740	5.09	685,450	130.00	88,814	516,600
1979	131,680	5.08	668,970	145.00	97,186	507,750
1980	116,410	5.23	609,170	166.00	101,264	516,650
1981	97,530	5.90	575,380	175.00	100,629	448,300
1982 ³						
1983 ³						
1984 ⁴	103,580	5.97	618,240	168.00	103,823	
1985	115,200	6.03	694,430	178.00	123,639	528,930
1986	110,510	5.79	639,550	177.00	113,400	522,840
1987	109,630	5.80	635,450	180.00	114,374	462,870
1988	118,870	5.48	651,580	200.00	130,194	461,110
1989	124,170	5.18	642,690	204.00	131,082	458,880
1990	115,490	5.66	653,480	209.00	136,313	492,180
1991 ⁵	104,240	5.98	623,030	210.00	130,847	462,110

¹ Price and value at processing plant door. ² Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1 includes stocks of fresh-pack pickles. ³ Data not available.

⁴ Estimates reinstated with the 1984 crop. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 215.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 1989–91

State	Area harvested			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
CA	4,300	4,700	4,200	52,460	62,510	54,640	247.00	214.00	230.00
CO	1,300	700	850	10,560	7,940	6,630	140.00	137.00	113.00
FL	2,700	2,400	1,800	14,310	14,160	12,600	365.00	380.00	410.00
IN	1,700	1,500	1,600	15,810	14,850	12,880	133.00	166.00	125.00
MI	24,500	24,000	22,500	147,000	141,600	144,000	168.00	167.00	152.00
NJ	670			4,110			195.00		
NC	26,500	24,600	21,400	86,920	98,150	92,880	223.00	236.00	257.00
OH	3,700	4,400	3,800	39,290	47,520	44,650	196.00	220.00	246.00
OR	2,400			29,350			164.00		
SC	11,100	10,300	10,500	36,740	46,870	32,550	218.00	220.00	230.00
TX	18,100	10,100	5,500	67,880	27,780	33,000	265.00	330.00	283.00
WA	1,700			17,320			177.00		
WI	6,700	7,400	6,700	50,850	54,390	56,280	184.00	187.00	185.00
Other States ²	18,800	25,390	25,390	70,090	137,710	132,920	193.00	197.00	201.00
US	124,170	115,490	104,240	642,690	653,480	623,030	204.00	209.00	210.00

¹ Preliminary. ² 1989—Alabama, Arizona, Arkansas, Delaware, Georgia, Idaho, Illinois, Iowa, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, New York, Tennessee and Virginia. 1990—Alabama, Arizona, Arkansas, Delaware, Georgia, Idaho, Illinois, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, New Jersey, New York, Oregon, Virginia, and Washington. 1991—Alabama, Arizona, Arkansas, Delaware, Georgia, Idaho, Illinois, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, New Jersey, New York, Oklahoma, Oregon, Virginia, and Washington.

National Agricultural Statistics Service.

Table 216.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1977-91

Year	Area for harvest	Yield per acre	Production	Value ¹		Year	Area for harvest	Yield per acre	Production	Value ¹	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dol-lars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dol-lars	1,000 dollars
1977	15,480	167	2,591	9.87	25,561	1985	25,700	185	4,758	12.20	58,055
1978	18,520	184	3,413	9.62	32,846	1986	28,800	189	5,438	12.70	69,132
1979	20,500	170	3,477	10.90	37,761	1987	28,600	168	4,811	14.40	69,293
1980	17,700	180	3,180	13.50	42,864	1988	31,200	168	5,241	14.40	75,341
1981	19,600	174	3,419	15.40	52,581	1989	29,900	172	5,131	12.10	62,334
1982	24,900	152	3,780	14.10	53,111	1990	26,400	171	4,503	18.00	81,218
1983	23,800	165	3,918	13.20	51,540	1991 ²	25,900	144	3,737	18.40	68,895
1984	23,300	173	4,031	13.90	55,894						

¹ Price and value on f.o.b. basis. ² Preliminary.

National Agricultural Statistics Service.

Table 217.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1989-91

State	Area harvested			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
AZ	2,100	2,400	3,000	336	408	390	12.00	24.60	22.90
CA	21,300	19,000	18,200	4,047	3,420	2,548	11.80	15.80	15.60
TX	6,500	5,000	4,700	748	675	799	14.10	25.40	25.30
US	29,900	26,400	25,900	5,131	4,503	3,737	12.10	18.00	18.40

¹ Preliminary.

National Agricultural Statistics Service.

Table 218.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1989-91

State	Area harvested			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
AZ:									
Western	44,500	46,100	45,000	11,793	12,217	14,400	15.20	7.33	9.25
Other	6,400	4,400	4,000	1,088	858	1,040	10.60	11.70	15.40
CA	168,400	162,200	152,000	57,256	55,959	50,920	11.70	12.20	11.80
CO	2,600	3,400	4,700	728	1,020	1,034	13.10	12.40	6.42
FL	8,300	5,700	5,700	1,826	1,311	1,197	19.80	14.30	15.80
MI	1,100	900	800	209	207	200	20.40	22.30	20.30
NJ	2,100	2,400	2,500	294	324	363	15.40	12.30	13.30
NM	2,000	1,300	2,100	470	286	620	13.30	15.10	19.50
NY	2,400	2,600	2,600	492	520	494	14.50	15.60	14.10
OH	1,400	(²)	(²)	168	(²)	(²)	28.20	(²)	(²)
TX	2,400	500	1,200	468	46	168	16.20	6.77	10.00
WA	1,400	1,500	1,300	406	420	312	20.00	18.40	11.70
Total	243,000	231,000	221,900	75,198	73,168	70,748	12.60	11.50	11.40
HI	260	300	240	33	33	30	39.00	42.00	43.00
US	243,260	231,300	222,140	75,231	73,201	70,778	12.60	11.50	11.40

¹ Preliminary. ² Estimate discontinued.

National Agricultural Statistics Service.

Table 219.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1977-91

Year	Area for harvest	Yield per acre	Production	Value ¹		Year	Area for harvest	Yield per acre	Production	Value ¹	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	231,380	259	59,929	6.94	415,951	1984	218,280	293	63,976	10.90	698,120
1978	239,090	252	60,275	9.90	596,908	1985	221,990	276	61,334	10.80	660,855
1979	245,850	249	61,310	9.20	564,113	1986	211,460	276	58,290	12.00	699,273
1980	236,460	268	63,297	8.91	564,064	1987	224,920	302	67,877	14.80	1,003,213
1981	223,840	280	62,649	10.90	681,612	1988	239,760	294	70,505	14.80	1,040,366
1982	216,050	291	62,949	12.10	762,846	1989	243,260	309	75,231	12.60	950,278
1983 ²	205,730	281	57,755	12.30	710,934	1990	231,300	316	73,201	11.50	844,142
						1991 ³	222,140	319	70,778	11.40	810,186

¹ Price and value on f.o.b. basis. ² Due to program modifications, 1983 data are not comparable with 1982 and earlier or 1984 and later data. ³ Preliminary.

National Agricultural Statistics Service.

Table 220.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1977-91 ¹

Year	Stocks in storage Jan. 1 ²			Area for harvest	Yield per acre	Production ³	Shrinkage and loss	Value ⁴	
	In common storage	In cold storage	Total					Per cwt.	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	5,156	98	5,254	108,550	319	34,583	4,365	6.76	204,314
1978	5,680	68	5,743	121,920	297	36,174	3,958	7.81	251,495
1979	6,556	66	6,622	123,910	312	38,602	4,576	6.98	237,432
1980	7,752	99	7,851	113,160	296	33,526	3,075	11.40	347,054
1981	6,235	78	6,313	112,030	314	35,155	2,885	14.70	475,470
1982	5,560	35	5,595	125,920	332	41,861	4,553	8.24	307,501
1983				123,640	317	39,166	3,900	12.50	439,297
1984				128,450	335	43,068	3,870	10.60	415,196
1985				122,760	367	45,059	6,799	9.08	347,328
1986				115,540	377	43,615	4,176	11.10	439,239
1987				123,720	365	45,113	4,858	12.50	505,163
1988				128,950	362	46,733	4,272	9.75	413,996
1989				132,660	361	47,902	4,433	11.40	496,971
1990				138,340	382	52,781	6,141	10.50	488,786
1991 ⁵				133,970	378	50,702	4,251	12.50	580,900

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Grower and local dealer stocks discontinued after 1982. ³ Includes storage crop onions harvested but not sold because of shrinkage and waste. ⁴ Price and value on f.o.b. basis. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 221.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1989-91 ¹

Season and State	Area harvested			Production			Shrinkage and loss			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:												
AZ.....	1,100	1,000	900	446	475	441				8.56	10.50	8.61
CA.....	7,700	8,500	8,000	3,080	3,570	3,160				11.30	11.10	18.00
GA.....	4,700	5,600	6,000	635	1,092	660				27.20	32.40	31.50
TX.....	15,000	12,600	11,800	3,225	2,520	2,832				10.70	17.00	19.10
Total.....	28,500	27,700	26,700	7,386	7,657	7,093				12.20	16.00	19.10
Summer:												
Non-storage:												
NM.....	7,500	8,400	7,100	3,000	2,940	2,911				14.80	9.71	15.30
TX.....	4,000	5,100	4,000	1,040	1,377	960				18.30	10.50	19.30
WA.....	1,500	1,200	900	525	408	297				17.80	12.60	23.90
Non-storage total.....	13,000	14,700	12,000	4,565	4,725	4,168				15.90	10.20	16.80
Storage:												
CO.....	13,800	13,500	12,700	5,520	5,130	4,953	994	1,280	743	12.90	11.10	12.40
ID.....	7,400	7,600	8,000	3,996	4,446	4,880	643	850	645	11.70	9.52	11.20
MI.....	7,900	7,400	7,300	2,212	2,442	2,044	551	610	491	10.70	8.42	11.50
MN.....	670	540	980	161	208	294	19	20	33	7.25	5.87	8.84
NY.....	11,200	12,200	11,800	2,912	4,636	3,540	379	1,071	277	14.50	13.90	17.60
OH.....	490	500	490	191	198	169	23	18	16	14.40	11.20	13.90
OR (Malheur).....	9,800	10,000	11,000	5,292	5,850	6,710	852	1,106	855	11.70	9.52	11.20
OR (Other).....	3,500	3,500	3,200	1,418	1,365	1,216	238	250	191	12.80	10.60	12.30
UT.....	1,900	1,900	1,900	846	912	874	85	100	157	8.33	8.40	7.80
WA.....	6,200	6,800	7,700	2,790	2,992	3,619	410	539	619	11.20	8.62	11.30
WI.....	1,300	1,500	1,600	488	630	560	39	63	50	7.29	5.00	9.37
Storage total.....	64,160	65,440	66,670	25,826	28,809	28,859	4,233	5,907	4,077	12.00	10.20	12.20
CA ³	27,000	30,500	28,600	10,125	11,590	10,582	200	234	174	7.54	7.49	7.06
Total summer.....	104,160	110,640	107,270	40,516	45,124	43,609	4,433	6,141	4,251	11.30	9.39	11.30
US.....	132,660	138,340	133,970	47,902	52,781	50,702	4,433	6,141	4,251	11.40	10.50	12.50

¹ Mostly for fresh market use, but includes some quantities used for processing. ² Preliminary. ³ Primarily for processing.

National Agricultural Statistics Service.

Table 222.—Onions (fresh market): Foreign trade, United States, 1977-90

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1977.....	1,345	1,941	1982.....	1,861	1,367	1987.....	4,204	1,934
1978.....	1,582	2,164	1983.....	2,414	2,056	1988.....	3,404	2,494
1979.....	1,304	1,851	1984.....	2,528	2,479	1989.....	3,885	2,809
1980.....	1,400	2,614	1985.....	2,501	1,178	1990.....	4,589	3,784
1981.....	1,581	3,822	1986.....	3,454	1,812			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 223.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1977-91

Year	Area harvested	Yield per acre	Production	Value ¹		Year	Area harvested	Yield per acre	Production	Value ¹	
				Per ton	Total					Per ton	Total
	Acres	Tons ²	Tons	Dollars	1,000 dollars		Acres	Tons ²	Tons	Dollars	1,000 dollars
1977	350,480	1.40	488,950	206.00	100,533	1985	353,620	1.63	577,810	240.00	138,489
1978	355,460	1.30	461,100	206.00	94,853	1986	272,420	1.52	414,880	226.00	93,781
1979	392,320	1.56	613,350	210.00	129,090	1987	290,300	1.51	439,530	224.00	98,576
1980	321,660	1.51	484,240	209.00	101,392	1988	283,900	1.10	313,140	234.00	73,166
1981	293,090	1.55	455,050	218.00	99,056	1989	316,500	1.59	504,660	238.00	119,963
1982	303,830	1.63	496,290	227.00	112,541	1990	341,100	1.55	528,150	249.00	131,494
1983	308,800	1.38	425,740	217.00	92,189	1991 ³	332,800	1.48	491,110	261.00	128,072
1984	330,470	1.50	495,340	237.00	117,266						

¹ Price and value at processing plant door. ² Shelled basis: 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. ³ Preliminary.

National Agricultural Statistics Service.

Table 224.—Peas, green (for processing), commercial crop: Area, production, and value per ton, States, 1989-91

State	Area harvested			Production ²			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Acres	Acres	Acres	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
DE	8,100	8,800	8,000	9,560	15,840	7,920	233.00	267.00	277.00
MN	73,700	84,700	79,700	113,500	113,500	87,670	250.00	247.00	285.00
NY	10,600	10,000	11,300	16,960	17,600	14,690	285.00	292.00	340.00
OR	34,100	34,900	35,500	48,080	43,630	61,770	220.00	252.00	234.00
WA	55,700	57,900	56,300	99,150	94,380	108,100	262.00	253.00	272.00
WI	85,000	88,500	88,400	130,050	146,030	124,640	224.00	234.00	232.00
Other States ³	49,300	56,300	53,600	87,360	97,170	86,320	216.00	258.00	268.00
US	316,500	341,100	332,800	504,660	528,150	491,110	238.00	249.00	261.00

¹ Preliminary. ² Shelled basis: 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. ³ 1989-90—CA, ID, IL, IN, IA, ME, MD, MI, NJ, PA. 1991—CA, ID, IL, IA, ME, MD, MI, NJ, PA.

National Agricultural Statistics Service.

Table 225.—Potatoes: Production, seed used, and disposition, United States, 1977-90

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt. 1,000 pounds	1,000 cwt. 1,000 pounds	1,000 cwt. 1,000 pounds	1,000 cwt. 1,000 pounds	1,000 cwt.
1977	355,334	25,989	6,718	31,119	317,497
1978	366,314	24,331	6,302	34,439	325,573
1979	342,447	22,316	5,904	30,128	306,415
1980	308,905	24,063	6,380	23,237	274,288
1981	340,623	24,931	6,004	26,339	308,280
1982	355,131	24,120	7,242	31,045	316,844
1983	333,726	25,475	5,937	24,664	303,125
1984	362,039	27,159	5,701	30,057	326,281
1985	406,609	24,955	8,061	52,707	345,841
1986	361,743	25,770	6,248	28,355	327,140
1987	389,320	25,544	5,654	31,901	351,765
1988	356,438	25,973	5,810	25,067	325,561
1989	370,444	27,025	5,722	24,974	339,748
1990 ¹	402,110	27,939	5,949	28,329	367,832

¹ Preliminary.

National Agricultural Statistics Service.

Table 226.—Potatoes: Area, yield, production, season average price, and value, United States, 1977-91

Year	Area planted	Area harvested	Yield per harvested acre	Production	Season average price per cwt. received by farmers ¹	Value of production
	1,000 acres	1,000 acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1977.....	1,398.9	1,360.2	261	355,334	3.55	1,255,047
1978.....	1,401.0	1,374.5	267	366,314	3.38	1,224,478
1979.....	1,295.4	1,258.3	272	342,447	3.44	1,172,108
1980.....	1,175.4	1,147.8	265	303,905	6.55	1,985,814
1981.....	1,255.3	1,232.4	276	340,623	5.42	1,831,474
1982.....	1,302.8	1,266.9	280	355,131	4.45	1,562,639
1983.....	1,271.1	1,241.5	269	333,726	5.82	1,934,263
1984.....	1,333.7	1,297.8	279	362,039	5.69	2,042,298
1985.....	1,406.7	1,358.7	299	406,609	3.92	1,568,296
1986.....	1,256.6	1,220.2	296	361,743	5.03	1,810,330
1987.....	1,316.6	1,293.4	301	389,320	4.38	1,682,949
1988.....	1,284.7	1,259.3	283	356,438	6.02	2,143,971
1989.....	1,305.0	1,281.5	289	370,444	7.36	2,716,963
1990.....	1,399.7	1,370.6	293	402,110	6.08	2,430,980
1991 ²	1,408.5	1,375.4	304	418,229	5.05	2,095,341

¹ Obtained by weighting State prices by quantity sold. ² Preliminary.
National Agricultural Statistics Service.

Table 227.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 1989-91

Season and State	Area harvested			Production			Price for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
CA.....	5.5	5.5	4.6	1,320	1,265	1,127	16.10	24.40	.....
FL.....	7.6	7.7	7.6	1,444	1,078	1,482	24.30	38.20	.....
Total.....	13.1	13.2	12.2	2,764	2,343	2,609	20.50	30.90	.....
Spring:									
AL.....	5.4	5.7	2.5	1,296	855	300	10.60	11.50	.....
AZ.....	5.8	6.9	6.0	1,827	1,794	1,770	8.30	8.50	.....
CA.....	21.0	22.5	21.8	7,875	8,438	8,284	11.00	10.50	.....
FL.....									
Hastings.....	28.0	28.7	27.0	5,460	6,888	5,130	11.90	8.25	.....
Other.....	7.0	8.3	8.4	1,400	1,826	1,470	20.70	23.40	.....
LA.....	3	(²)	(²)	27	(²)	(²)	13.00	(²)	(²)
NC.....	15.6	16.2	17.0	2,184	3,240	2,890	8.45	5.55	.....
TX.....	5.8	6.8	4.8	783	1,122	792	6.60	11.80	.....
Total.....	88.9	95.1	87.5	20,852	24,163	20,636	11.20	10.10	.....
Summer:									
AL.....	7.5	6.8	6.8	1,275	1,088	952	11.50	8.45	.....
CA.....	6.1	5.3	4.8	2,196	1,749	1,560	18.70	12.30	.....
CO.....	6.7	7.2	7.4	2,144	2,124	2,368	6.00	6.80	.....
DE.....	7.2	8.2	7.7	1,152	2,009	1,348	12.50	8.20	.....
IL.....	3.3	3.1	4.2	858	837	1,008	6.05	5.30	.....
IA.....	1.0	1.0	1.3	263	160	208	6.15	5.15	.....
MD.....	1.8	1.8	1.7	315	324	298	10.20	9.40	.....
MI.....	10.0	11.5	11.5	2,300	2,875	2,875	8.20	6.45	.....
MN.....	6.3	6.1	7.3	1,890	1,830	2,154	7.95	6.90	.....
MO.....		5.8	6.3		957	1,323		6.25	.....
NE.....	2.3	2.7	2.4	598	662	636	8.70	8.00	.....
NJ.....	4.8	4.4	4.0	888	1,012	760	9.05	9.20	.....
NM.....	11.5	10.0	10.0	4,025	3,400	3,450	8.00	8.30	.....
NC.....	1.4	1.4	1.4	126	140	154	16.70	11.70	.....
TN.....	6	(²)	(²)	60	(²)	(²)	12.00	(²)	(²)
TX.....	10.5	10.0	10.0	2,625	1,950	2,400	14.00	17.90	.....
VA.....	12.0	11.0	11.0	1,440	1,980	1,485	11.60	9.40	.....
Total.....	93.5	96.30	97.8	22,155	23,097	22,979	10.40	8.92	.....

See footnotes at end of table.

Table 227.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 1989-91—Continued

Season and State	Area harvested			Production			Price for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Fall:									
CA.....	16.1	17.0	14.5	6,440	6,630	5,655	8.40	5.70	.....
CO.....	61.5	65.0	68.0	20,603	22,750	23,800	8.35	4.45	.....
CT.....	.3	(²)	(²)	63	(²)	(²)	7.10	(²)	(²)
ID.....									
10 S.W. counties.....	17.0	20.0	22.0	6,715	8,000	9,020	7.10	5.00	.....
Other counties.....	336.0	383.0	371.0	95,760	111,070	113,155	.....	.....	.....
IN.....	4.0	3.9	4.1	960	858	902	8.10	8.30	.....
ME.....	80.0	76.0	79.0	22,000	20,520	18,170	7.55	6.05	.....
MA.....	2.5	2.6	3.0	600	650	615	8.35	7.20	.....
MI.....	30.0	33.0	34.0	7,350	9,240	8,840	8.25	6.65	.....
MN.....	66.0	68.0	71.5	13,860	14,280	17,160	5.80	5.60	.....
MT.....	8.1	8.9	9.3	2,228	2,492	2,790	8.25	8.60	.....
NE.....	7.9	9.3	8.8	2,528	2,837	2,464	7.75	6.05	.....
NV.....	8.0	7.0	7.6	2,600	2,345	2,546	8.70	7.30	.....
NY:									
Long Island.....	7.3	6.5	6.6	1,898	1,950	1,650	8.85	7.00	.....
Upstate.....	21.5	22.0	22.9	4,730	5,940	5,267	8.65	7.55	.....
ND.....	137.0	145.0	154.0	15,070	16,675	30,030	6.40	5.70	.....
OH.....	7.9	7.8	7.7	1,462	1,911	1,425	7.30	6.65	.....
OR:									
Malheur County.....	5.2	7.0	6.6	2,028	2,520	2,640	4.50	4.90	.....
Other counties.....	44.8	46.0	43.4	21,280	20,930	19,530	5.95	5.60	.....
PA.....	20.5	22.5	20.0	4,715	5,400	3,500	8.55	7.55	.....
RI.....	1.2	1.1	1.3	300	270	241	6.80	6.60	.....
SD.....	9.0	9.0	7.1	1,980	1,980	1,775	4.70	4.95	.....
UT.....	6.1	6.2	6.0	1,495	1,643	1,620	6.60	6.00	.....
WA.....	118.0	132.0	141.0	64,310	67,980	75,435	5.15	5.20	.....
WI.....	68.0	65.0	66.5	23,120	23,075	23,275	7.20	5.50	.....
WY.....	2.1	2.2	2.0	578	561	500	7.15	6.30	.....
Total.....	1,086.0	1,166.0	1,177.9	324,673	352,507	372,005	6.76	5.42	.....
US.....	1,281.5	1,370.6	1,375.4	370,444	402,110	418,229	7.36	6.08	.....

¹ Preliminary. ² Estimate discontinued.
National Agricultural Statistics Service.

Table 228.—Fall potatoes: Production and total stocks held by growers and local dealers, 15 ¹ States, 1977-91

Crop year	Production	Total stocks ¹					
		Dec. 1	Following year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1977.....	295,421	202,550	175,300	147,930	119,850	88,680	.....
1978.....	311,981	219,850	193,520	162,980	132,570	99,250	64,830
1979.....	284,940	200,820	176,020	147,910	121,720	92,550	59,535
1980.....	256,518	172,030	147,010	122,065	97,680	72,660	44,546
1981.....	287,710	193,610	164,380	137,820	111,780	82,270	50,760
1982.....	298,031	206,525	178,980	150,200	122,500	90,105	57,305
1983.....	284,344	192,150	165,330	138,900	112,730	81,740	50,365
1984.....	302,958	201,410	173,380	144,760	118,400	86,440	52,465
1985.....	343,984	235,475	202,800	171,510	138,720	104,540	65,380
1986.....	307,928	209,435	180,915	154,545	128,720	95,090	59,790
1987.....	335,607	225,890	196,760	167,325	138,800	105,905	70,030
1988.....	305,623	206,420	177,750	151,050	124,485	92,585	59,355
1989.....	316,097	202,050	173,550	144,290	116,600	84,320	50,675
1990.....	344,200	225,500	194,460	162,850	134,470	101,150	63,040
1991 ²	363,806	240,660	210,935	178,965	146,180	109,600	70,020

¹ Stocks estimated for the 15 major States (see table 230) starting with the 1980 crop. This table shows stocks and comparable production for the 15 States over the past 11 years. Prior to this year, this table showed data for the 23 major States over a 15 year period. ² Preliminary.

National Agricultural Statistics Service.

Table 229.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 1990 and 1991

State	Crop of 1990						Crop of 1991 ¹					
	Dec. 1, 1990	Jan. 1, 1991	Feb. 1, 1991	Mar. 1, 1991	Apr. 1, 1991	May 1, 1991	Dec. 1, 1991	Jan. 1, 1992	Feb. 1, 1992	Mar. 1, 1992	Apr. 1, 1992	May 1, 1992
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
CA.....	4,700	3,800	3,100	2,600	2,000	1,300	4,300	3,600	3,000	2,500	1,900	1,200
CO.....	16,550	14,400	11,800	9,950	7,700	5,650	18,150	16,050	13,700	11,850	9,500	7,000
ID.....	86,000	77,000	67,500	58,000	46,500	30,000	87,500	79,000	69,000	59,000	46,500	30,500
ME.....	14,900	12,900	10,400	8,300	5,400	2,800	12,400	10,500	8,300	6,400	4,200	2,200
MI.....	5,000	4,000	3,000	2,000	1,300	500	5,000	4,400	3,400	2,600	1,700	600
MN.....	10,200	9,000	8,000	6,800	5,000	3,000	12,600	11,300	9,500	7,600	5,500	3,400
MT.....	2,300	2,200	2,000	1,900	1,400	230	2,650	2,575	2,475	2,300	1,700	350
NE.....	1,850	1,550	1,150	900	470	210	1,560	1,380	1,120	830	480	260
NY:												
Long Island.....	650	410	220	² 170	² 30	(²)	750	550	400	² 200	² 60	(²)
Upstate.....	2,500	1,800	1,000	600	250	² 100	2,300	1,900	1,300	700	300	² 110
ND.....	12,800	11,000	9,100	7,400	5,700	3,500	22,800	18,500	15,000	12,000	8,500	5,000
OH.....	550	350	180	(²)	(²)	(²)	450	230	120	(²)	(²)	(²)
OR.....	15,600	13,000	10,400	8,300	6,200	4,000	18,000	15,500	13,800	10,700	8,200	6,000
PA.....	2,900	2,350	1,800	1,150	600	200	1,700	1,550	1,450	900	660	350
WA.....	35,500	29,500	24,500	19,800	14,000	8,900	37,000	32,200	27,000	21,200	15,000	9,600
WI.....	13,500	11,200	8,700	6,600	4,600	2,650	13,500	11,700	9,400	7,400	5,400	3,450
15 State total.....	225,500	194,460	162,850	134,470	101,150	63,040	240,660	210,935	178,965	146,180	109,600	70,020

¹ Preliminary. ² Combined to prevent possible disclosure of individual operations.
National Agricultural Statistics Service.

Table 230.—Potatoes: Utilization, United States, crop years 1983-90

Item	1983	1984	1985	1986	1987	1988	1989	1990 ¹
SALES	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Table stock.....	107,295	113,187	125,006	109,331	129,097	108,348	113,932	118,024
For processing:								
Chips and shoestring.....	43,311	42,339	42,217	45,814	40,593	44,539	44,539	46,132
Dehydration.....	26,754	27,845	29,958	28,445	30,823	28,786	32,187	38,818
Frozen french fries.....	74,350	87,350	94,741	96,244	101,377	95,466	100,459	108,725
Other frozen products.....	19,655	20,322	17,856	15,708	18,305	17,558	19,115	23,491
Canned potatoes.....	2,137	2,589	2,971	2,790	2,958	2,941	3,138	2,511
Other canned products (hash, stews, soups).....	1,991	1,834	1,610	1,308	1,597	2,031	1,858	2,272
Starch and flour.....	3,028	3,401	3,489	2,808	2,184	1,416	899	1,699
Total.....	171,226	185,680	192,842	193,117	197,837	192,737	200,726	223,648
Other sales:								
Livestock feed.....	3,734	4,662	8,098	3,992	3,808	3,330	2,800	3,264
Seed.....	20,870	22,752	19,895	20,700	21,023	21,146	22,290	22,896
Total.....	24,604	27,414	27,993	24,692	24,831	24,476	25,090	26,160
Total sales.....	303,125	326,281	345,841	327,140	351,765	325,561	339,748	367,832
NON-SALES								
Seed used on farms where grown.....	4,605	4,407	5,060	5,070	4,521	4,827	4,735	5,043
Household use.....	1,832	1,294	3,001	1,178	1,133	983	987	906
Shrinkage and loss.....	24,664	30,057	52,707	28,855	31,901	25,067	24,974	28,329
Total non-sales.....	30,601	35,758	60,768	34,603	37,555	30,877	30,696	34,278
Total production.....	333,726	362,039	406,609	361,743	389,320	356,438	370,444	402,110

¹ Preliminary.
National Agricultural Statistics Service.

Table 231.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1990 ¹

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Winter:					
CA	1,265	123		63	1,202
FL	1,078	220		6	1,072
Total	2,343	343		69	2,274
Spring:					
AL	855	60	1	13	841
AZ	1,794	120	5	36	1,753
CA	8,438	455	15	169	8,254
FL:					
Hastings	6,888	688	1	28	6,859
Other	1,826	215		15	1,811
NC	3,240	225	23	97	3,120
TX	1,122	62	28	22	1,072
Total	24,163	1,825	73	380	23,710
Summer:					
AL	1,088	106	11	54	1,023
CA	1,749	95	10	35	1,704
CO	2,124	158	3	125	1,996
DE	2,009	116	10	80	1,919
IL	837	99	13	21	803
IA	160	21	5	11	144
MD	324	24	10	10	304
MI	2,875	240	40	280	2,555
MN	1,830	145	4	85	1,741
MO	957	130	1	10	946
NE	662	55	26	27	609
NJ	1,012	74	5	30	977
NM	3,400	240	26	204	3,170
NC	140	20	27	5	108
TX	1,950	150	4	39	1,907
VA	1,980	149	2	69	1,909
Total	23,097	1,822	197	1,085	21,815
Fall:					
CA	6,630	261	30	663	5,937
CO	22,750	1,669	1,140	2,685	18,925
ID	119,070	7,900	1,595	8,803	108,672
IN	858	86	13	22	823
ME	20,520	1,782	650	1,700	18,170
MA	650	59	2	20	628
MI	9,240	735	200	880	8,160
MN	14,280	1,141	241	1,419	12,620
MT	2,492	209	137	135	2,220
NE	2,837	209	173	261	2,403
NV	2,345	140		279	2,066
NY:					
Long Island	1,950	132	10	65	1,875
Upstate	5,940	506	105	250	5,585
ND	16,675	2,403	420	1,665	14,590
OH	1,911	160	4	34	1,873
OR:					
Malheur County	2,520	154	10	105	2,405
Other counties	20,980	1,058	275	2,335	18,320
PA	5,400	399	76	280	5,044
RI	270	30	1	4	265
SD	1,980	119	20	80	1,880
UT	1,643	145	53	158	1,432
WA	67,980	3,312	300	4,300	63,380
WI	23,075	1,292	210	550	22,315
WY	561	48	14	102	445
Total	352,507	23,949	5,679	26,795	320,033
US	402,110	27,939	5,949	28,329	367,832

¹ Preliminary.

National Agricultural Statistics Service.

Table 232.—Potatoes,¹ white: United States exports by country of destination and imports by country of origin, 1988-90

Item and country	Year beginning October			Item and country	Year beginning October		
	1988	1989	1990		1988	1989	1990
EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Netherlands Antilles	235	257	128
Sweden	127	0	0	Trinidad and Tobago	0	92	0
United Kingdom	15	66	0	Total ²	2,163	1,881	1,545
Other countries	0	0	0				
Total ²	142	66	0	Other countries:			
Latin America:				Canada ³	106,242	136,188	128,777
Mexico	7,839	4,925	19,220	Hong Kong	450	328	614
Other countries	106	193	802	Saudi Arabia	32	0	10
Total ²	7,945	5,118	20,022	Singapore	262	139	53
				Other countries	711	228	51
Bermuda and Caribbean:				Total ²	107,697	136,883	129,505
Bahamas	852	556	383	Grand total ²	117,947	143,948	151,073
Barbados	745	282	328				
Bermuda	23	67	278	IMPORTS			
Cayman Islands	0	0	13	Certified seed:			
Dominican Republic	61	113	0	Canada	66,958	91,589	82,852
Jamaica	65	218	124	Other potatoes:			
Leeward and Windward Islands	182	296	291	Canada	168,544	213,223	224,719

¹ Includes seed potatoes. ² Totals may not add due to rounding. ³ U.S. exports to Canada must be adjusted upward approximately 50% due to underreporting of actual shipments.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 233.—Potatoes (fresh): Foreign trade, United States, 1977-90

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1977	955	3,630	1982	2,741	1,932	1987	3,948	783
1978	703	3,025	1983	3,874	1,781	1988	5,340	2,243
1979	1,141	2,386	1984	2,278	1,354	1989	7,009	2,870
1980	2,412	2,459	1985	3,728	830	1990	7,180	3,374
1981	3,214	2,581	1986	2,283	1,142			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 234.—Sweetpotatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1977-91

Year	Area harvested	Yield per acre	Production	Price ¹	Value of production	Year	Area harvested	Yield per acre	Production	Price ¹	Value of production
	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	107.1	111	11,885	10.50	124,859	1985	103.3	141	14,573	8.81	127,836
1978	112.2	117	13,115	10.60	139,226	1986	90.8	136	12,368	11.00	134,435
1979	114.2	117	13,370	8.92	119,093	1987	88.9	131	11,611	11.60	133,512
1980	102.2	107	10,953	13.60	148,359	1988	85.5	128	10,945	12.90	141,202
1981	109.8	117	12,799	13.60	174,748	1989	86.0	132	11,358	16.40	186,279
1982	115.4	129	14,833	8.03	118,864	1990	89.5	141	12,594	9.70	121,962
1983	102.4	118	12,083	13.60	163,265	1991 ²	77.5	148	11,496	12.30	141,620
1984	102.9	125	12,902	14.00	181,006						

¹ Obtained by weighting State prices by quantity sold. ² Preliminary.

National Agricultural Statistics Service.

Table 235.—Taro: Area, yield, production, price, and value, Hawaii, 1977-91

Year	Area harvested ¹	Yield per acre	Production	Price per pound	Value of production	Year	Area harvested ¹	Yield per acre	Production	Price per pound	Value of production
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	470	16.7	7,870	.127	.999	1985	400	17.2	6,860	.230	1,578
1978	450	17.1	7,680	.134	1,029	1986	390	16.2	6,330	.231	1,462
1979	405	16.4	6,640	.164	1,089	1987	400	15.8	6,300	.266	1,676
1980	320	20.0	6,400	.200	1,280	1988	420	16.2	6,800	.280	1,904
1981	340	17.9	6,100	.214	1,305	1989	430	15.1	6,500	.307	1,996
1982	350	18.5	6,460	.224	1,447	1990	420	13.8	5,800	.390	2,262
1983	370	14.7	5,440	.226	1,229	1991 ²	600	11.7	7,000	.430	3,010
1984	370	17.1	6,310	.219	1,382						

¹ Average during the year. ² Preliminary.

National Agricultural Statistics Service.

Table 236.—Sweetpotatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1989-91

State	Area harvested			Production			Price for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL.....	3.9	4.9	4.7	468	588	658	19.30	11.00	13.00
CA.....	8.3	8.3	7.9	1,453	1,453	1,462	20.70	16.70	23.20
GA.....	4.8	4.5	3.8	816	585	760	14.90	7.20	12.00
LA.....	18.0	21.0	16.0	2,880	3,360	2,720	10.60	8.25	7.90
MD.....	.5	.6	.3	80	84	36	18.70	13.60	16.00
MS.....	3.0	3.5	3.5	285	420	490	11.20	7.00	7.90
NJ.....	2.1	2.1	1.9	168	273	219	23.10	12.90	18.90
NC.....	34.0	34.0	30.0	4,080	4,930	4,050	18.70	8.40	11.10
SC.....	3.0	3.4	2.9	330	374	276	15.80	8.90	11.30
TN.....	.6	(²)	(²)	60	(²)	(²)	16.70	(²)	(²)
TX.....	7.0	6.2	5.5	630	372	660	19.80	16.00	16.70
VA.....	.8	1.0	1.0	108	155	165	8.60	6.45	5.20
US.....	86.0	89.5	77.5	11,358	12,594	11,496	16.40	9.70	12.30

¹ Preliminary. ² Estimates discontinued.

National Agricultural Statistics Service.

Table 237.—Sweetpotatoes: Production, seed used, and disposition, United States, 1977-91

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1977	11,885	916	1,176	548	10,161
1978	13,115	1,017	1,286	627	11,202
1979	13,370	925	1,242	711	11,417
1980	10,953	924	1,092	534	9,327
1981	12,799	1,108	1,373	532	10,894
1982	14,833	989	1,693	772	12,368
1983	12,083	1,043	1,176	564	10,343
1984	12,902	1,043	1,245	527	11,130
1985	14,573	(¹)	(¹)	(¹)	(¹)
1986	12,368				
1987	11,611				
1988	10,945				
1989	11,358				
1990	12,594				
1991	11,496				

¹ Estimates discontinued.

National Agricultural Statistics Service.

Table 238.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1977-91

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production ¹	Value ²		Area harvested	Yield per acre	Production ¹	Value ²	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	124,420	160	19,895	20.60	409,230	346,660	22.44	7,779,150	64.10	498,372
1978	130,220	172	22,408	19.70	440,379	295,560	21.54	6,367,700	64.20	408,950
1979	125,200	186	23,292	22.50	524,823	312,030	23.49	7,329,510	67.60	495,476
1980	126,250	201	25,393	20.70	524,919	263,030	23.61	6,210,590	61.00	378,853
1981	126,960	205	25,981	21.40	555,770	253,920	22.51	5,716,130	67.50	385,632
1982	119,690	224	26,769	22.50	603,030	295,300	24.72	7,298,990	71.60	522,422
1983	123,100	221	27,262	24.20	659,308	292,020	24.07	7,029,840	68.40	480,926
1984	122,580	230	28,163	25.60	721,508	291,870	26.32	7,681,160	67.40	517,488
1985	123,380	241	29,740	24.20	718,264	265,500	27.03	7,177,130	66.30	475,709
1986	125,710	249	31,361	25.10	788,424	252,330	29.32	7,398,470	63.90	472,927
1987	129,600	250	32,414	25.90	840,859	257,400	29.56	7,607,690	59.10	449,503
1988	139,700	257	35,855	27.10	972,366	274,920	26.95	7,409,920	60.70	449,797
1989	141,240	254	35,904	33.20	1,190,968	320,850	29.56	9,484,470	69.30	657,284
1990	134,290	251	33,709	27.40	923,393	354,700	29.19	10,355,260	67.80	702,367
1991 ⁴	131,680	256	33,747	31.90	1,075,032	355,980	30.54	10,872,990	66.40	722,114

¹ For fresh market, excluding the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 44 in 1977. ² Price and value of f.o.b. basis. ³ Price and value at processing plant door. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 239.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1989-91

Utilization and State	Area harvested			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
FOR FRESH MARKET	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
AL	2,700	2,800	2,800	324	392	420	22.50	24.00	20.00
AR	1,000	1,000	800	140	245	224	35.40	35.20	40.50
CA	38,400	38,000	40,000	9,984	9,690	9,400	24.00	28.20	25.00
FL	60,200	50,800	46,200	18,361	15,240	16,170	40.30	27.20	35.30
GA	2,700	3,500	2,600	540	875	793	24.00	23.60	42.50
IN	1,400	1,400	1,400	217	210	203	27.00	31.50	27.50
LA	340	(³)	(³)	31	(³)	(³)	38.00	(³)	(³)
MD	2,600	2,700	2,700	325	392	446	24.60	36.60	43.70
MA	550	560	430	124	146	90	60.00	60.00	70.00
MI	2,500	2,500	2,700	250	300	297	25.20	20.70	23.00
NJ	5,100	5,000	4,800	434	575	480	31.00	29.10	26.00
NY	2,500	2,800	2,700	425	448	378	37.70	36.60	38.60
NC	1,300	1,400	1,600	247	301	272	15.40	19.00	16.90
OH	2,700	2,900	3,200	392	537	640	36.90	22.50	41.00
PA	4,000	4,700	4,300	800	611	344	21.40	19.90	21.90
SC	3,600	3,700	3,700	1,404	1,240	1,166	23.00	22.60	50.00
TN	3,600	4,300	4,700	504	860	846	25.00	24.00	21.00
TX	2,800	2,600	3,300	252	156	83	18.90	19.50	25.00
VA	3,000	3,400	3,500	1,095	1,445	1,435	36.40	29.90	23.10
Total	140,990	134,060	131,430	35,849	33,663	33,687	33.10	27.30	31.80
HI	250	230	250	55	46	60	55.40	65.00	52.00
US	141,240	134,290	131,680	35,904	33,709	33,747	33.20	27.40	31.90

See footnotes at end of table.

Table 239.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1989-91—Continued

Utilization and State	Area harvested			Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
FOR PROCESSING	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
CA	276,500	310,000	312,000	8,585,330	9,306,200	9,893,520	68.30	66.30	64.70
CO	190	150	200	3,610	2,390	3,000	95.00	98.00	100.00
DE	470	(³)	(³)	3,650	(³)	(³)	89.70	(³)	(³)
IN	7,800	7,600	8,800	157,560	193,040	217,540	79.00	84.30	90.80
MD	970	(³)	(³)	12,310	(³)	(³)	89.00	(³)	(³)
MI	5,400	5,700	6,700	132,840	169,860	169,510	72.80	75.50	78.00
NJ	3,000	3,300	2,600	31,590	57,020	47,320	88.60	96.30	91.20
NY	1,900	2,100	(³)	35,400	39,800	(³)	93.00	98.70	(³)
OH	17,500	17,100	17,700	391,300	484,510	392,410	77.20	76.60	79.70
PA	1,700	1,800	2,000	35,360	34,920	27,600	93.50	94.70	93.10
Other States ²	5,420	6,950	5,980	95,520	117,520	122,090	77.60	85.30	86.60
US	320,850	354,700	355,980	9,484,470	10,355,260	10,872,990	69.30	67.80	66.40
Grand total	462,090	488,990	487,660	11,279,670	12,040,710	12,560,340	163.00	135.00	143.00

¹ Preliminary. ² 1989—FL, IL, IA, SC, TX, VA. 1990—DE, FL, IL, IA, MD, SC, TX, VA. 1991—DE, FL, IL, IA, MD, NY, TX, VA. ³ Estimate discontinued.

National Agricultural Statistics Service.

Table 240.—Tomatoes: Foreign trade, United States, 1977-90

Year beginning July	Imports			Domestic exports				
	Fresh	Canned ¹	Paste	Fresh ²	Canned ³	Catsup and sauces	Paste ³	Juice
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1977	828,748	75,873	56,538	199,556	26,457	16,563	31,636	37,582
1978	710,578	56,944	50,085	239,715	29,564	17,019	23,568	28,742
1979	687,575	31,380	31,602	256,061	44,489	21,717	40,661	26,204
1980	282,484	54,491	29,415	222,154	32,501	26,662	28,064	36,607
1981	686,672	156,844	182,734	189,332	25,826	26,676	17,575	30,351
1982	493,958	151,296	151,980	173,975	16,638	26,651	24,234	18,944
1983	784,787	245,126	179,479	170,878	13,900	20,274	22,877	8,637
1984	836,108	233,553	94,384	150,085	12,335	21,210	18,866	1,392
1985	915,963	199,405	139,080	133,022	17,136	16,724	18,601	1,288
1986	962,270	168,705	111,695	141,414	10,058	19,472	17,975	1,468
1987	767,546	173,323	100,634	156,373	8,408	27,881	21,286	1,626
1988	830,078	157,403	225,628	180,948	11,945	62,730	22,139	8,727
1989	905,428	119,090	163,196	212,575	10,369	96,043	47,650	12,493
1990	807,239	151,944	93,572	299,065	25,263	90,223	105,525	2,006

¹ Includes "otherwise prepared," if any. ² Prior to 1989, U.S. exports to Canada were understated due to underreporting of actual shipments. ³ Includes exports for military-civilian feeding abroad.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 241.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1991 ¹

Commodity	Baltimore ²			Boston			New York ³			Philadelphia		
	Rail, boat, and air	Motor- truck ⁴	Total	Rail, boat, and air	Motor- truck ⁴	Total	Rail, boat, and air	Motor- truck ⁴	Total	Rail, boat, and air	Motor- truck ⁴	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Vegetables:												
Artichokes.....		8	8		26	26		27	27		10	10
Asparagus.....		45	45		89	89	1	65	66		43	43
Beans.....	109	109	109	110	110	110	238	238	238		64	64
Beets.....	1	1	1	8	8	8	49	49	49			0
Broccoli.....	32	216	248	255	187	442	465	211	676	218	171	389
Brussel sprouts.....		3	3		6	6		2	2			0
Cabbage.....		362	362	1	367	368	7	608	615		253	253
Carrots.....	57	228	285	402	302	704	617	395	1,012	205	214	419
Cauliflower.....	2	111	113	16	94	110	37	127	164	21	79	100
Celery.....	42	347	389	397	248	645	541	352	893	265	245	510
Chinese cabbage.....		26	26		24	24		31	31		16	16
Corn, sweet.....	2	224	226	2	263	265	19	331	350	13	155	168
Cucumbers.....		350	350		626	626	16	701	717		264	264
Eggplant.....		44	44		69	69		260	260		42	42
Escarole/endive.....		17	17		36	36	1	108	109		24	24
Garlic.....		5	5		19	19		137	137		14	14
Greens.....		109	109		122	122		373	373		90	90
Lettuce, iceberg.....	134	1,059	1,193	994	1,106	2,100	1,756	1,017	2,773	789	673	1,462
Lettuce, romaine.....		134	134	41	210	251	2	258	260		114	114
Lettuce, other.....		125	125	21	184	205		162	162		70	70
Mixed vegetables.....	14		14	6		6	39		39	10		10
Mushrooms.....		24	24		116	116		104	104		25	25
Okra.....					0	0		50	50			0
Onions, dry.....	93	586	679	311	829	1,140	651	1,144	1,795	175	549	724
Onions, green.....		46	46	3	51	54	19	71	90	5	21	26
Parsley.....		13	13		27	27		34	34		12	12
Peas, green.....		12	12		19	19		52	52		7	7
Peas, other.....			0		2	2		1	1			0
Peppers, bell.....		269	269	14	537	551	30	687	717	6	287	293
Peppers, other.....		4	4		15	15		110	110		3	3
Potatoes, table.....	231	1,268	1,499	1,077	2,517	3,594	2,577	1,354	3,931	694	1,005	1,700
Potatoes, chipper.....		143	143		46	46			0			0
Potatoes, seed.....		2	2			0			0			0
Pumpkins.....		18	18		21	21	5		5		8	8
Radishes.....		32	32	6	50	56		53	53		16	16
Spinach.....		8	8	1	112	113	3	154	157		11	11
Squash.....		111	111		359	359		195	195		61	61
Sweet potatoes.....		108	108		87	87		254	254		49	49
Tomatoes.....	5	691	696	50	1,073	1,123	77	1,353	1,430	35	583	618
Tomatoes, cherry.....		36	36		79	79		67	67		37	37
Turnips-rutabagas.....		12	12		56	56		33	33		5	5
Vegetables, other.....			0			0	8		8			0
Total.....	612	6,906	7,518	3,597	10,092	13,689	6,871	11,168	18,039	2,436	5,220	7,657
Melons:												
Cantaloups.....	32	360	392	212	452	664	373	585	958	181	344	525
Honeydews.....	13	166	179	85	196	281	137	302	489	74	133	207
Mixed and miscellaneous.....		6	6	16	18	34	26	37	63	13	11	24
Watermelons.....		523	523	9	703	712	36	580	161	9	364	373
Total.....	45	1,055	1,100	322	1,369	1,691	622	1,504	2,126	277	852	1,129
Grand total.....	657	7,961	8,618	3,919	11,461	15,380	7,493	12,672	20,165	2,713	6,072	8,786

¹ Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981. ² Includes Washington. ³ Includes Newark. ⁴ Estimated percentages of completeness for reported truck arrivals for 1991 are as follows: Baltimore 90, Boston 95, New York 85, and Philadelphia 90.

Agricultural Marketing Service.

Table 242.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1991 ¹

Commodity	Atlanta			Chicago			Los Angeles			San Francisco ²		
	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Vegetables:												
Artichokes.....			0	4	25	29		85	85		86	86
Asparagus.....		16	16		73	73	5	104	109	4	67	71
Beans.....		59	59		98	98		134	134		103	103
Beets.....			0		13	13		54	54		12	12
Broccoli.....		127	127	434	179	613		625	625		276	276
Brussel sprouts.....		2	2		5	5		32	32		15	15
Cabbage.....		424	424	5	371	377		774	774		290	290
Carrots.....	2	144	146	147	357	504		643	643		426	426
Cauliflower.....		58	58	59	141	200		333	333		108	108
Celery.....		141	141	465	376	841		1,232	1,232		337	337
Chinese cabbage.....		10	10		24	24		247	247		65	65
Corn, sweet.....		119	119		341	341		617	617		397	397
Cucumbers.....		140	140	4	384	388		744	744		277	277
Eggplant.....		5	5		39	39		191	191		84	84
Escarole-endive.....			0		19	19	11	38	49		11	11
Garlic.....			0		6	6	6	36	42		46	46
Greens.....		113	113		130	130		267	267		83	83
Lettuce, iceberg.....		939	939	1,381	1,195	2,576		3,057	3,057		867	867
Lettuce, romaine.....		53	53	2	82	84		386	386		244	244
Lettuce, other.....		53	53		66	66		353	353		274	274
Mixed vegetables.....			0	244		244			0			0
Mushrooms.....		53	53		217	217		182	182		107	107
Okra.....		22	22		10	10		45	45		6	6
Onions, dry.....	48	943	991	130	915	1,045	16	2,327	2,343	0	853	853
Onions, green.....		30	30	27	56	83		180	180		122	122
Parsley.....		8	8		29	29		48	48		28	28
Peas.....		2	2		21	21	2	35	37		33	33
Peas, other.....		6	6			0	2	35	37			0
Peppers, bell.....		125	125	8	354	362	11	671	682	4	355	359
Peppers, other.....			0		36	36		321	321		36	36
Potatoes, table.....	533	1,316	1,849	965	2,421	3,386	119	6,051	6,170		1,806	1,806
Potatoes, chipper.....		192	192		155	155			0		459	459
Potatoes, seed.....			0			0			0			0
Pumpkins.....		38	38		8	8		48	48		22	22
Radishes.....		12	12		33	33		183	183		83	83
Spinach.....		23	23		76	76		217	217		101	101
Squash.....		57	57		96	96		609	609		308	308
Sweet potatoes.....		119	119		160	160		114	114		114	114
Tomatoes.....		662	662	16	1,135	1,151	5	3,050	3,055	1	912	913
Tomatoes, cherry.....		30	30		30	30		135	135		56	56
Turnips-rutabagas.....		19	19		7	7		35	35		16	16
Vegetables, other.....		6	6		2	2	12	75	87		24	24
Total.....	583	6,066	6,649	3,891	9,685	13,576	189	24,313	24,502	9	9,509	9,518
Melons:												
Cantaloups.....		234	234	268	547	815		1,292	1,292		525	525
Honeydews.....		74	74	99	183	282		656	656		219	219
Mixed and miscellaneous.....				77	31	108		112	112		49	49
Watermelons.....		359	359	9	641	650		1,669	1,669		513	513
Total.....	0	667	667	453	1,402	1,855	0	3,729	3,729	0	1,306	1,306
Grand total.....	583	6,733	7,316	4,344	11,087	15,431	189	28,042	28,231	9	10,815	10,824

¹ Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981. ² Includes Oakland. ³ Estimated percentages of completeness for reported truck arrivals for 1991 are as follows: Atlanta 85, Chicago 90, Los Angeles 90, and San Francisco 90. Agricultural Marketing Service.

Table 243.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 1991 ¹

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Vegetables:													
Artichokes.....	3	24	134	292	86	36	30	49	48	54	52	35	843
Asparagus.....	14	133	249	384	340	133	14	5	8	16	2		1,298
Beans.....	165	128	112	172	187	61			12	108	146	148	1,239
Beets.....	11	11	19	8	2	1					5	7	64
Broccoli.....	915	926	558	840	945	781	689	579	606	691	647	775	8,952
Cabbage.....	1,179	1,085	1,438	1,205	937	333	496	723	639	681	788	1,067	10,571
Carrots.....	1,353	1,258	1,537	1,658	1,700	1,545	1,244	1,136	1,089	1,363	1,201	1,147	16,231
Cauliflower.....	708	510	367	523	537	410	426	355	353	463	414	322	5,388
Celery.....	1,429	1,327	1,505	1,088	1,466	1,364	1,261	1,190	1,141	1,403	1,986	1,554	16,714
Chinese cabbage.....	29	27	18	11	5						4	16	110
Corn, sweet.....	176	82	146	537	2,069	1,695	918	513	327	233	179	131	7,006
Cucumbers.....	182	37	213	796	956	502	562	513	565	600	550	345	5,821
Eggplant.....	56	30	36	49	69	39	34	33	34	55	68	56	559
Escarole- endive.....	39	29	31	27	6					1	32	37	202
Greens.....	188	205	202	143	40	4				1	95	180	1,058
Lettuce, iceberg.....	4,727	4,679	4,531	5,084	5,133	4,944	4,887	4,763	4,305	4,956	4,076	4,056	56,141
Lettuce, romaine.....	467	437	377	348	436	340	397	381	356	443	395	377	4,754
Lettuce, other.....	362	339	282	248	324	267	330	309	282	310	299	295	3,647
Mixed vegetables.....	59	53	60	55	89	133	36	46	48	59	80	37	755
Okra.....	2	3	3	15	28	18	5	2	3	5	6	2	92
Onions, dry.....	2,960	2,401	1,907	2,212	2,385	2,526	2,575	2,736	2,879	3,549	3,133	2,789	32,052
Onions, green.....	20	19	24	20	44	59	64	56	60	67	30	25	488
Parsley.....	33	30	29	18	5						12	33	160
Peas, other.....	2	2	1	3	4	1			1		1	3	20
Peppers, bell.....	416	269	418	578	682	665	495	447	544	681	751	558	6,504
Peppers, other.....	69	40	47	53	52	24	13	5	5	15	39	52	414
Potatoes, table.....	10,653	8,765	9,701	8,920	9,645	8,479	8,761	9,032	8,915	9,719	10,351	9,852	112,293
Potatoes, chipper.....	1,547	1,235	1,819	2,267	4,028	2,243	1,120	1,080	1,422	1,978	2,599	2,314	23,652
Potatoes, seed.....	709	955	2,229	3,908	599	118		1		11	159	323	9,012
Radishes.....	90	60	80	95	72	25	11	12	10	24	87	97	663
Spinach.....	113	108	101	39	54	43	48	44	43	44	46	69	752
Squash.....	159	121	194	306	163	81	2	1	14	80	228	243	1,542
Sweet potatoes.....	380	384	562	287	266	205	149	105	225	352	881	472	4,268
Tomatoes.....	2,241	1,176	1,647	1,575	2,597	2,022	2,790	1,920	2,160	2,706	2,092	2,055	24,981
Tomatoes, cherry.....	24	12	19	24	61	37	67	37	23	24	60	51	439
Turnips- rutabagas.....	17	19	31	27	31	9	5		1	2	6	10	158
Vegetables, other ²										7	48	65	120
Total.....	31,497	26,919	30,627	33,815	36,043	29,093	27,429	26,073	26,118	30,702	31,550	29,097	358,963
Melons:													
Cantaloups.....		1		16	1,364	2,274	2,208	572	352	250	58	7	7,102
Honeydews.....		2	4	1	459	298	539	883	737	304	44		3,271
Mixed and miscellaneous.....					1	55	128	167	122	14	1		488
Watermelons.....				102	3,685	6,970	6,845	2,956	565	181	240	77	21,621
Total.....	3	4	119	5,509	9,597	9,720	4,578	1,776	749	343	84	32,482	
Grand total.....	31,497	26,922	30,631	33,934	41,552	38,690	37,149	30,651	27,894	31,451	31,893	29,181	391,445

¹ Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 275. ² Not otherwise specified.

Agricultural Marketing Service.

Table 244.—Vegetables (fresh), melons, potatoes, sweet potatoes. Per capita civilian utilization (farm-weight basis), United States, 1977-91 ¹

Year	Tomatoes	Asparagus	Broccoli	Carrots	Lettuce
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1977.....	12.4	.3	1.2	5.3	25.8
1978.....	12.9	.3	1.0	5.3	25.1
1979.....	12.4	.3	1.2	5.9	25.1
1980.....	12.8	.3	1.4	6.2	25.6
1981.....	12.3	.3	1.7	6.1	24.9
1982.....	12.9	.4	2.0	6.6	24.9
1983.....	12.6	.4	2.0	6.5	22.4
1984.....	14.3	.4	2.5	6.7	24.9
1985.....	14.9	.5	2.6	6.5	23.7
1986.....	15.9	.6	3.0	6.5	21.9
1987.....	15.8	.6	3.1	8.3	25.7
1988.....	16.8	.6	3.8	7.2	27.0
1989.....	16.8	.6	3.8	7.9	28.8
1990.....	15.5	.6	3.4	8.0	27.8
1991 ²	15.3	.6	3.1	7.4	26.1

Year	Cauliflower	Celery	Corn	Onions
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1977.....	1.1	7.0	7.6	13.7
1978.....	.8	7.2	6.6	13.3
1979.....	1.1	7.2	6.5	14.4
1980.....	1.1	7.5	6.5	13.3
1981.....	1.4	7.4	6.2	12.8
1982.....	1.3	7.6	6.0	15.4
1983.....	1.4	7.2	6.1	15.0
1984.....	1.8	7.3	6.4	15.9
1985.....	1.8	7.0	6.4	16.4
1986.....	2.2	6.6	6.1	16.7
1987.....	2.1	6.7	6.3	16.3
1988.....	2.2	7.2	5.7	17.6
1989.....	2.3	7.5	6.4	17.9
1990.....	2.2	7.2	6.5	18.6
1991 ²	2.0	6.8	5.6	18.8

Year	Honeydew melons	Others ³	Total vegetables and melons	Potatoes	Sweet potatoes
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1977.....	1.1	36.0	111.5	50.1	5.1
1978.....	1.6	36.5	110.6	46.0	5.4
1979.....	1.6	35.7	111.4	49.3	5.5
1980.....	1.4	34.5	110.6	51.1	4.8
1981.....	1.5	35.8	110.4	45.8	5.2
1982.....	1.8	39.4	118.3	47.1	5.9
1983.....	1.8	36.8	112.2	49.8	5.0
1984.....	1.8	42.1	124.1	48.3	5.4
1985.....	2.1	42.4	124.3	46.3	5.8
1986.....	2.4	42.1	124.0	48.8	4.8
1987.....	2.2	43.0	130.1	47.9	4.8
1988.....	2.3	42.8	133.2	49.6	4.5
1989.....	2.5	45.1	139.6	50.1	4.5
1990.....	2.1	44.4	136.3	47.5	5.0
1991 ²	1.9	41.4	129.0	47.1	4.4

¹ Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. Does not include production for home use. Consumption obtained by dividing the total apparent consumption by total July 1 population as reported by the Bureau of the Census. All data for calendar year. ² Preliminary. ³ Includes artichokes, garlic, eggplant, cucumbers, bell pepper, cabbage, snap beans, cantaloupe, and watermelon.

Economic Research Service.

Table 245.—Vegetables, canned: United States pack (24/303 basis) of selected items, 1977-91

Year	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles	Toma- toes ¹
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1977.....	3,705	2,657	54,494	11,348	5,973	56,300	30,238	69,871	54,124
1978.....	3,382	3,356	57,121	12,834	6,609	57,907	25,269	76,770	49,241
1979.....	2,819	3,061	66,281	14,990	6,928	60,022	36,492	74,925	52,896
1980.....	2,535	2,833	59,689	11,322	5,084	50,574	30,056	68,227	53,096
1981.....	2,844	2,602	52,808	9,555	4,639	57,949	27,296	64,443	51,937
1982.....	2,727	2,275	48,832	11,034	6,222	60,522	24,790	n.a.	42,968
1983.....	2,549	2,338	46,506	9,035	4,958	51,595	20,827	n.a.	37,597
1984.....	2,928	2,316	52,089	9,292	4,832	56,789	23,312	69,243	43,170
1985.....	3,097	1,966	55,503	9,386	4,787	55,729	29,306	77,776	37,485
1986.....	3,154	1,738	48,939	9,042	4,321	55,090	20,919	71,630	38,438
1987.....	3,361	1,326	56,081	12,127	5,249	59,117	23,057	71,170	44,634
1988.....	3,846	1,267	46,610	8,519	4,505	50,831	12,494	72,977	50,626
1989.....	3,060	1,586	60,500	9,175	n.a.	65,437	24,336	n.a.	n.a.
1990.....	n.a.	n.a.	58,750	n.a.	n.a.	62,216	24,298	n.a.	n.a.
1991 ²	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

¹ Data does not include concentrated crushed tomatoes published by California League of Processed Foods. Starting in 1984. ² Preliminary. n.a. not available.

Economic Research Service. Compiled mainly from reports of the National Food Processors Association.

Table 246.—Vegetables, canning: Per capita utilization (farm weight), United States, 1977-91 ¹

Year	Aspara- gus	Snap beans	Carrots	Peas	Tomato prod- ucts ²
	Pounds	Pounds	Pounds	Pounds	Pounds
1977.....	.5	4.8	1.0	3.0	62.8
1978.....	.4	4.8	.9	2.9	58.8
1979.....	.3	4.7	1.0	2.6	64.3
1980.....	.4	4.6	.9	2.7	63.6
1981.....	.4	4.6	.9	2.7	59.3
1982.....	.3	4.2	.8	2.5	60.1
1983.....	.3	4.1	.8	2.4	60.9
1984.....	.3	3.7	1.1	2.0	68.5
1985.....	.3	3.8	.9	2.1	63.2
1986.....	.3	3.9	.8	2.2	63.6
1987.....	.3	3.8	.8	2.0	65.2
1988.....	.3	3.8	.9	1.7	61.3
1989.....	.3	3.9	1.0	1.7	69.4
1990.....	.3	3.7	.9	2.0	70.3
1991 ³.....	.3	4.5	1.0	1.9	70.6

Year	Corn	Pickles	Total ⁴
	Pounds	Pounds	Pounds
1977.....	14.1	5.9	92.1
1978.....	13.4	6.0	87.2
1979.....	12.7	5.9	91.5
1980.....	13.0	5.6	90.8
1981.....	12.1	5.0	85.0
1982.....	11.6	5.1	84.6
1983.....	11.6	5.2	85.3
1984.....	10.2	5.2	91.0
1985.....	11.9	5.8	88.0
1986.....	12.1	5.3	88.2
1987.....	10.6	5.2	87.9
1988.....	10.4	5.3	83.7
1989.....	9.5	5.2	91.0
1990.....	11.0	5.2	93.4
1991 ³	11.1	4.9	94.3

¹ Excludes soups and baby food. ² Includes paste, catsup, chili sauce, puree, and tomatoes. ³ Preliminary.

⁴ Totals may not add due to rounding.

Economic Research Service.

Table 247.—Vegetables, frozen: Commercial pack, United States, 1982–91

Commodity	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Artichokes.....	1,419	1,075	1,643	1,202	1,417	1,451	1,052	1,542	1,326	1,273
Asparagus.....	16,958	13,599	15,099	19,990	18,008	16,725	18,055	19,741	17,737	13,595
Beans, butter.....	8,896		7,901	6,671	7,040	5,713	6,373	7,389	8,148	9,528
Beans, green, regular cut.....	190,658	162,699	158,413	179,349	170,694	159,027	145,187	237,853	221,768	221,306
Beans, green, French cut.....	82,485	78,825	81,355	82,544	63,892	67,297	65,138	73,682	85,994	62,437
Beans, green, wax.....	8,283	7,387	8,487	10,034	5,386	4,379	5,465	7,665	9,311	8,048
Beans, green, Italian.....	20,355	19,954	22,665	24,511	25,430	24,819	20,519	29,712	27,160	22,866
Beans, whole.....	11,886	14,308	20,275	19,576	22,130	26,426	25,661	31,641	34,938	33,634
Beans, baby lima.....	91,781	85,162	82,985	84,567	71,644	75,399	82,347	103,648	132,976	72,931
Beans, lima, Fordhook.....	31,941	28,055	39,494	32,490	29,211	26,951	20,911	17,086	12,777	17,058
Broccoli.....	333,516	285,358	365,764	356,806	324,519	312,460	289,446	290,566	258,755	174,470
Brussels sprouts.....	52,980	41,354	50,449	44,735	37,990	45,660	49,787	46,557	38,482	34,619
Carrots.....	296,679	212,500	255,585	254,586	270,363	294,596	294,673	358,848	328,781	318,001
Cauliflower.....	111,644	100,541	102,106	94,617	89,120	77,758	78,762	109,822	80,081	69,229
Celery.....	12,764	13,497	17,062	15,839	18,729	21,640	24,817	31,029	38,451	28,383
Collards.....	18,031	9,440	12,968	15,708	19,454	17,930	15,204	17,855	20,676	15,968
Corn, cut.....	455,714	367,272	323,977	360,297	364,891	433,158	423,339	502,980	518,330	553,499
Corn-on-cob.....	378,629	293,947	349,666	423,326	391,954	406,859	345,869	436,301	450,490	440,540
Kale.....	4,727	2,894	3,335	5,167	4,175	4,792	2,862	4,208	4,196	4,645
Mushrooms.....	23,443	24,539	24,457	28,669	32,410	37,372	32,713	35,084	24,909	26,143
Mustard greens.....	8,516	7,998	8,508	11,222	11,768	11,556	9,266	12,329	10,027	10,710
Okra.....	54,339	46,038	54,579	51,815	73,160	70,472	65,708	60,005	64,748	66,295
Onions.....	182,344	139,637	156,482	142,008	185,458	185,191	198,916	208,762	78,331	83,200
Peas, blackeye.....	23,821	22,926	28,207	31,675	22,586	29,003	30,158	33,500	30,414	27,277
Peas, green.....	404,830	354,480	423,740	485,985	373,605	400,231	358,779	469,404	482,910	488,467
Peppers, green and red.....	12,940	24,523	25,586	20,922	22,958	23,043	29,673	30,735	36,585	47,313
Potato products.....	4,377,228	4,509,905	4,732,894	5,118,102	5,149,148	5,287,634	5,763,671	5,998,312	6,358,968	6,498,915
Pumpkin and cooked squash.....	24,897	17,759	15,824	20,734	22,319	30,393	23,870	21,538	22,445	20,782
Rhubarb.....	6,767	3,402	5,271	6,647	6,108	6,211	8,082	8,730	9,116	7,458
Spinach.....	150,667	143,205	171,249	174,802	157,119	171,208	172,849	159,891	211,784	141,644
Squash, summer.....	65,179	62,738	66,467	67,458	75,994	70,999	69,961	74,716	69,631	49,448
Sweet potatoes and yams.....	20,822	9,719	13,749	18,677	13,683	11,871	20,044	26,380	19,772	12,370
Turnip greens.....	9,799	11,925	10,299	14,446	14,371	17,205	17,003	17,024	17,972	16,646
Turnip greens with turnips.....	19,759	23,290	19,215	20,639	19,417	16,513	21,919	24,563	19,603	19,005
Miscellaneous vegetables.....	14,411	7,208	5,252	3,144	6,399	8,291	12,608	11,399	16,378	16,877
Total.....	7,531,198	7,153,705	7,681,008	8,248,960	8,122,548	8,400,233	8,750,687	9,520,497	9,763,970	9,634,580

Economic Research Service. Data from American Frozen Food Institute.

Table 248.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1991

Commodity	East and South ¹	Midwest ²	West ³	Northwest ⁴	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes					1,273	1,273
Asparagus	⁹ 4,101		9,491			13,595
Beans, butter	⁶ 9,528					9,528
Beans, green, regular cut	62,613	71,577	87,116			221,306
Beans, green, French cut	21,370	6,302	34,765			62,437
Beans, wax		¹¹ 3,797	³ 4,251			8,048
Beans, green, Italian		⁹ 2,283	20,583			22,866
Beans, whole	10,690	4,556	18,388			33,634
Beans, baby lima		30,024			42,907	72,931
Beans, lima, Fordhook			⁶ 17,058			17,058
Broccoli	⁹ 11549				162,929	174,470
Brussels sprouts			34,619			34,619
Carrots	48,600	27,529	⁶ 241,872			318,001
Cauliflower				⁷ 1,085	68,144	69,229
Celery						¹² 28,383
Collards						¹² 5,968
Corn, cut		⁹ 205,703	347,796			553,499
Corn-on-cob		192,338	248,202			440,540
Kale						¹² 4,645
Mustard greens						¹² 10,710
Okra						¹² 66,295
Onions			83,200			83,200
Peas, blackeye						¹² 27,277
Peas, green	54,940	117,845	315,682			488,467
Peppers, green and red	47,313					47,313
Potato products		⁹ 1,843,374		4,594,510	61,031	6,498,915
Pumpkins and cooked squash		⁸ 20,782				20,782
Rhubarb		⁸ 7,458				7,458
Spinach	⁹ 60,478				81,166	141,644
Squash, summer						¹² 49,448
Sweet potatoes and yams	12,370					12,370
Turnip greens	16,646					¹² 16,646
Miscellaneous vegetables						16,877
Turnip greens with turnips	19,005					¹² 19,005
Mushrooms						¹² 26,143

¹ Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. ² Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. ³ California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. ⁴ Idaho, Oregon, and Washington. ⁵ East, Midwest, South, and California. ⁶ East, South, and West. ⁷ East, South, and Northwest. ⁸ East, South, Midwest, and West. ⁹ East, South, and Midwest. ¹⁰ Northwest and California. ¹¹ East, West, and Midwest. ¹² Regional packs not reported.

Economic Research Service. Data from American Frozen Food Institute.

Table 249.—Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1990 and 1991

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1990	1991	1990	1991	1990	1991	1990	1991
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	177,110	222,082	116,129	107,294	194,195	202,694	401,684	518,877
February	149,802	191,636	123,830	136,764	180,216	176,385	338,204	465,809
March	124,896	176,013	138,544	136,915	168,110	151,591	295,838	426,077
April	106,506	145,535	164,389	134,645	158,097	137,665	244,493	375,307
May	96,501	124,352	181,561	131,359	143,283	119,606	191,568	308,407
June	85,694	113,486	196,395	137,670	138,266	109,649	139,146	233,433
July	156,221	187,132	210,118	136,079	125,585	96,429	111,171	210,899
August	287,056	328,410	204,656	132,957	122,481	98,618	307,911	444,695
September	330,800	361,060	192,088	119,351	126,815	109,655	676,920	820,778
October	301,270	313,380	162,166	102,721	182,680	180,715	699,124	824,066
November	273,872	284,483	136,046	94,708	232,814	222,716	633,718	749,640
December	253,184	248,737	113,014	88,286	224,533	203,637	579,399	636,611

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1990	1991	1990	1991	1990	1991	1990	1991
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	52,311	85,997	77,679	97,234	36,166	85,614	32,072	31,851
February	48,091	85,965	73,382	84,089	30,469	81,125	29,880	30,434
March	39,872	78,453	65,028	84,019	65,664	79,009	25,680	28,410
April	36,313	69,252	58,389	72,928	107,869	117,549	23,771	25,836
May	31,510	62,113	51,128	63,747	111,179	113,051	21,385	22,159
June	27,222	60,760	45,003	56,277	110,326	107,268	19,714	20,856
July	22,372	56,508	42,811	49,973	109,556	94,023	18,698	18,190
August	47,318	62,412	43,862	50,824	99,540	79,880	15,317	15,095
September	90,757	100,129	51,692	55,878	105,636	71,554	14,171	11,315
October	113,730	120,862	74,605	73,044	102,533	67,935	20,974	12,529
November	107,925	109,746	84,009	86,088	98,263	59,692	26,318	16,580
December	91,248	100,392	91,414	88,234	90,923	53,293	30,691	22,216

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1990	1991	1990	1991	1990	1991	1990	1991
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	38,725	36,187	197,410	234,034	1,778,136	2,109,261	932,728	997,371
February	36,748	36,459	165,302	201,735	1,588,909	1,950,384	993,842	991,305
March	35,695	36,549	119,773	168,901	1,450,234	1,810,684	1,041,954	1,043,841
April	33,230	35,940	107,616	146,478	1,397,673	1,669,925	1,058,912	1,050,447
May	30,769	34,533	98,956	133,028	1,321,074	1,504,886	1,060,693	1,169,503
June	32,014	31,049	218,958	220,022	1,404,030	1,483,732	977,585	1,213,532
July	35,950	32,275	413,403	406,273	1,696,248	1,727,285	763,506	906,843
August	33,886	35,116	437,365	451,617	2,073,913	2,175,708	688,130	845,219
September	31,988	36,925	417,208	400,277	2,545,393	2,592,826	852,547	985,533
October	33,325	37,545	362,312	355,040	2,586,733	2,648,618	995,646	1,098,134
November	34,941	34,251	315,518	315,536	2,466,661	2,502,411	997,630	1,045,187
December	34,421	32,137	282,118	272,691	2,303,101	2,243,853	975,754	970,012

National Agricultural Statistics Service.

Table 250.—Vegetables, freezing: Per capita utilization consumption (farm weight basis), United States, 1977-91

Year	Leafy, green, and yellow vegetables				
	Asparagus	Snap beans	Carrots	Peas	Broccoli
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1977 .....	.2	1.4	2.7	1.8	1.2
1978 .....	.2	1.4	2.5	1.8	1.4
1979 .....	.2	1.4	2.7	1.9	1.4
1980 .....	.1	1.4	2.5	1.8	1.4
1981 .....	.1	1.7	2.5	1.7	1.5
1982 .....	.1	1.5	2.1	1.7	1.5
1983 .....	.1	1.5	2.2	1.8	1.5
1984 .....	.1	1.8	2.9	2.0	1.8
1985 .....	.1	1.9	2.3	2.1	1.9
1986 .....	.1	1.5	2.2	1.9	1.7
1987	0.1	1.7	2.3	1.7	2.2
1988 .....	.1	1.7	2.5	1.9	2.4
1989 .....	.1	1.9	2.6	2.0	2.2
1990 .....	.1	1.9	2.4	2.2	2.2
1991 ¹ .....	.1	1.8	2.8	2.3	2.3

Year	Cauliflower	Corn, cut basis	Total vegetables excluding potatoes	Potato products	Grand total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1977	0.7	7.4	15.4	42.2	57.6
1978 .....	.8	6.3	14.4	42.6	57.0
1979 .....	.7	6.8	15.1	38.5	53.6
1980 .....	.8	6.4	14.4	35.4	49.8
1981 .....	.9	6.3	14.7	41.5	56.2
1982 .....	.9	5.8	13.6	38.6	52.0
1983 .....	.8	6.6	14.5	39.2	53.7
1984 .....	.9	8.0	17.5	43.7	61.2
1985 .....	.9	7.9	17.1	45.4	62.5
1986 .....	.9	7.6	15.9	46.3	62.2
1987 .....	.9	7.8	16.7	47.9	64.6
1988 .....	.9	8.7	18.2	43.3	61.5
1989 .....	.8	8.4	18.0	46.8	64.8
1990 .....	.8	8.6	18.2	50.2	68.4
1991 ¹	0.7	9.4	19.4	52.6	72.0

¹ Preliminary.

Economic Research Service.

Table 251.—Commercially produced vegetables: Per capita utilization, United States, 1977-91

Year	Farm weight equivalent					Percentage of annual total			
	Total fresh and processed	Fresh ¹	Processed ²			Fresh	Processed		
			Total	Canning	Freezing		Total	Canning	Freezing
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1977	219.0	111.5	107.5	92.1	15.4	50.9	49.1	42.1	7.0
1978	212.2	110.6	101.6	87.2	14.4	52.1	47.9	41.1	6.8
1979	218.0	111.4	106.6	91.5	15.1	51.1	48.9	42.0	6.9
1980	215.8	110.6	105.2	90.8	14.4	51.3	48.7	42.1	6.7
1981	210.1	110.4	99.7	85.0	14.7	52.5	47.5	40.5	7.0
1982	216.5	118.3	98.2	84.6	13.6	54.6	45.4	39.1	6.3
1983	212.0	112.2	99.8	85.3	14.5	52.9	47.1	40.3	6.8
1984	232.6	124.1	108.5	91.0	17.5	53.4	46.6	39.1	7.5
1985	229.4	124.3	105.1	88.0	17.1	54.2	45.8	38.4	7.4
1986	228.1	124.0	104.1	88.2	15.9	54.4	45.6	38.7	6.9
1987	234.7	130.1	104.6	87.9	16.7	55.4	44.6	37.5	7.1
1988	235.1	133.2	101.9	83.7	18.2	56.7	43.3	35.6	7.7
1989	248.6	139.6	109.0	91.0	18.0	56.2	43.8	36.6	7.2
1990	247.9	136.3	111.6	93.4	18.2	55.0	45.0	37.7	7.3
1991 ³	242.7	129.0	113.7	94.3	19.4	53.2	46.8	38.8	8.0

¹ See table 245 for items included. Includes melons, canned and frozen potatoes and canned sweet potatoes.² See tables 246 and 251 for items included. Data exclude³ Preliminary. n.a. not available.

Economic Research Service.

CHAPTER V

STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity of fruit harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested or utilized because of economic and other reasons. Utilized production is the amount sold plus the quantities used on farms where grown and quantities held in storage. The difference between total and utilized production is the quantity of marketable fruit not harvested and fruit harvested but not sold or utilized because of economic and other reasons. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a marketing year average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

Table 252.—Fruits and planted nuts: Bearing area, United States, 1977-91

Year	Citrus fruits ¹	Major deciduous fruits ²	Miscellaneous fruits ^{3 4}	Planted nuts ⁵	Fruits and planted nuts
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1977	1,159.3	1,701.6	142.0	482.9	3,485.8
1978	1,142.0	1,619.4	222.5	520.7	3,504.6
1979	1,130.5	1,591.2	231.7	557.5	3,510.9
1980	1,143.0	1,607.5	242.4	563.1	3,556.0
1981	1,129.8	1,599.3	249.0	559.3	3,537.4
1982	1,124.3	1,640.3	200.7	579.1	3,544.4
1983	1,091.6	1,674.4	207.0	599.0	3,572.0
1984	1,007.9	1,703.8	209.7	623.8	3,545.2
1985	899.3	1,725.0	212.3	657.1	3,493.7
1986	818.9	1,727.7	215.8	669.5	3,431.9
1987	826.2	1,739.1	217.1	675.4	3,457.8
1988	832.9	1,748.4	217.4	686.3	3,485.0
1989	847.5	1,750.8	212.5	686.6	3,497.3
1990	851.8	1,759.1	205.9	689.1	3,505.8
1991 ⁶	850.3	1,748.1	200.4	659.9	3,458.6

¹ Oranges, tangerines, temples, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

² Commercial apples, apricots, cherries, grapes, nectarines, peaches, pears, plums, and prunes. ³ Avocados,

bananas, cranberries, dates, figs, kiwifruit (beginning 1980), olives, papayas, pineapples, and pomegranates.

⁴ Persimmons discontinued after 1977. ⁵ Almonds, hazelnuts (filberts), macadamia nuts, pistachios, and walnuts.

⁶ Preliminary.

National Agricultural Statistics Service.

Table 253.—Fruits: Production in tons, United States, 1977-91 ¹

Year	Apples, commercial crop ²	Peaches	Pears	Grapes (fresh basis)	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1977	3,370	1,478	782	4,298	254	727	147	42	43
1978	3,799	1,326	723	4,567	247	634	126	32	126
1979	4,063	1,469	855	4,989	269	661	144	39	62
1980	4,409	1,534	897	5,595	364	821	129	45	109
1981	3,870	1,385	897	4,458	221	765	89	38	45
1982	4,061	1,143	802	6,555	312	573	118	38	147
1983	4,189	928	774	5,521	259	674	93	34	61
1984	4,162	1,330	708	5,208	318	721	127	37	91
1985	3,957	1,074	745	5,616	276	648	131	33	96
1986	3,930	1,153	767	5,228	250	491	55	50	112
1987	5,371	1,191	938	5,267	395	977	114	52	68
1988	4,564	1,307	861	6,032	304	751	102	56	88
1989	4,981	1,178	917	5,931	326	1,018	120	48	123
1990	4,848	1,117	964	5,660	261	734	122	49	132
1991 ³	4,949	1,336	905	5,556	247	832	96	37	65

Year	Or- anges ⁴	Tanger- ines ⁴	Grape- fruit ⁴	Lem- ons ⁴	Limes ⁴	Tange- los ⁴	Tem- ples ⁴	Strawber- ries, commercial crop	Pineap- ples
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1977	10,546	249	3,032	988	40	216	171	331	690
1978	9,546	228	3,030	991	18	221	221	330	675
1979	9,160	237	2,757	745	29	189	212	319	681
1980	11,832	275	2,986	789	44	288	270	351	657
1981	10,487	239	2,759	1,189	48	221	162	371	636
1982	7,600	288	2,878	942	58	229	144	442	670
1983	9,519	291	2,465	950	75	171	211	448	722
1984	7,243	262	2,184	788	63	162	130	497	600
1985	6,719	193	2,266	967	72	162	146	511	565
1986	7,476	196	2,352	692	76	133	133	512	646
1987	7,697	228	2,586	1,087	63	180	153	559	692
1988	8,551	218	2,801	785	57	189	160	590	659
1989	8,949	239	2,844	759	55	171	169	571	580
1990	7,745	164	1,978	706	72	132	63	627	575
1991 ³	7,848	166	2,256	719	64	119	113	684	555

Year	Avoca- dos ⁵	Nectar- ines	Cran- berries	Ba- nanas	Kiwi- fruit	Dates	Papay- as ⁶	Persim- mons	Pome- granates	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1977	118	155	105	3	.....	25	32	2	10	27,854
1978	146	148	123	3	.....	22	45	(⁷)	10	27,337
1979	102	172	124	3	.....	21	30	(⁷)	13	27,345
1980	269	191	135	2	5	22	37	(⁷)	17	32,073
1981	183	182	130	3	7	22	47	(⁷)	17	28,471
1982	237	178	152	3	16	24	42	(⁷)	16	27,668
1983	274	185	149	2	14	17	38	(⁷)	20	28,084
1984	230	183	166	5	18	22	60	(⁷)	20	25,335
1985	189	210	174	4	22	29	48	(⁷)	19	24,872
1986	303	172	185	5	24	18	42	(⁷)	22	25,028
1987	209	191	170	6	29	19	53	(⁷)	19	28,314
1988	193	200	204	7	33	22	35	(⁷)	18	28,787
1989	139	220	187	6	40	22	37	(⁷)	18	29,648
1990	156	232	170	6	39	24	34	(⁷)	(⁸)	28,610
1991 ³	179	215	211	6	32	22	28	(⁷)	(⁸)	27,240

¹ For some crops in certain years, production includes some quantities unharvested for economic reasons or excess cullage fruit. ² Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees.

³ Preliminary. ⁴ Year harvest was complete. ⁵ Year of bloom. ⁶ Total production and yield were not estimated for the 1988 and 1989 crops. ⁷ Estimates discontinued after 1977 crop. ⁸ Estimates discontinued after 1989 crop.

National Agricultural Statistics Service.

Table 254.—Apples, commercial crop: ¹ Production and season average price per pound, by States, 1989–91

State	Total production			Utilized production			Price ³ for crop of—		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AZ.....	34.0	64.0	57.0	34.0	61.0	56.0	0.074	0.080	0.141
AR.....	9.0	12.0	10.0	9.0	12.0	10.0	.188	.191	.169
CA.....	675.0	780.0	800.0	675.0	780.0	800.0	.150	.156	.226
CO.....	70.0	35.0	75.0	68.0	33.0	70.0	.096	.147	.156
CT.....	24.0	33.0	27.0	23.0	31.0	24.0	.243	.264	.273
DE.....	15.0	17.0	25.0	15.0	17.0	25.0	.113	.116	.109
GA.....	25.0	22.0	32.0	24.0	21.0	30.0	.140	.132	.136
ID.....	158.0	165.0	120.0	158.0	165.0	120.0	.079	.135	.193
IL.....	91.0	60.0	69.0	87.0	58.0	68.0	.130	.175	.174
IN.....	64.0	57.0	60.0	63.0	56.0	56.5	.187	.200	.214
IA.....	11.5	9.5	8.0	10.8	8.7	7.9	.208	.221	.290
KS.....	13.0	8.0	7.5	11.3	6.8	5.5	.209	.215	.236
KY.....	16.0	9.0	20.0	12.0	8.0	16.0	.180	.205	.221
ME.....	69.0	88.0	87.0	68.0	84.0	83.0	.211	.224	.230
MD.....	37.0	33.0	42.0	37.0	33.0	42.0	.112	.137	.149
MA.....	78.0	85.0	80.0	74.0	81.0	75.0	.218	.239	.255
MI.....	950.0	750.0	930.0	950.0	750.0	930.0	.082	.103	.107
MN.....	31.0	20.0	25.4	27.5	19.2	22.0	.278	.374	.429
MO.....	55.0	41.0	40.0	54.0	41.0	40.0	.136	.169	.208
NH.....	41.0	48.0	48.0	41.0	48.0	46.0	.231	.242	.237
NJ.....	48.0	60.0	92.0	42.0	59.0	87.0	.153	.130	.166
NM.....	5.3	6.8	2.3	5.3	6.8	2.3	.200	.179	.226
NY.....	960.0	990.0	1,050.0	960.0	990.0	1,050.0	.104	.129	.127
NC.....	220.0	230.0	260.0	220.0	230.0	260.0	.088	.100	.089
OH.....	125.0	120.0	120.0	125.0	120.0	120.0	.179	.174	.235
OR.....	160.0	180.0	120.0	160.0	180.0	120.0	.050	.112	.186
PA.....	320.0	450.0	550.0	320.0	450.0	550.0	.107	.142	.114
RI.....	5.5	6.0	5.5	5.5	6.0	5.0	.244	.258	.290
SC.....	35.0	34.0	40.0	33.0	33.0	37.0	.120	.127	.099
TN.....	11.5	8.5	13.0	10.0	7.7	11.7	.148	.179	.154
UT.....	56.0	24.0	55.0	54.0	22.0	54.0	.120	.188	.180
VT.....	45.0	43.0	48.0	43.0	41.0	45.0	.192	.213	.219
VA.....	325.0	210.0	420.0	320.0	203.0	416.0	.102	.101	.109
WA.....	5,000.0	4,800.0	4,300.0	5,000.0	4,800.0	4,300.0	.093	.164	.221
WV.....	115.0	150.0	200.0	115.0	150.0	195.0	.098	.096	.099
WI.....	65.0	48.0	60.0	62.0	46.0	57.0	.156	.250	.208
US.....	9,962.8	9,696.8	9,898.7	9,917.4	9,658.2	9,836.9	.104	.151	.181

¹ In orchards of 100 or more bearing-age trees. ² Preliminary. ³ Fresh fruit prices are equivalent packing-house-door returns for California, Oregon, New York, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

National Agricultural Statistics Service.

Table 255.—Apples: Production and value, United States, 1977-91

Year	Apples, commercial crop ¹				Year	Apples, commercial crop ¹			
	Total production	Utilized production	Market-ing year average price ²	Value		Total production	Utilized production	Market-ing year average price ²	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1977	6,739.6	6,710.0	10.6	708,631	1985	7,914.5	7,826.8	11.7	914,308
1978	7,596.9	7,544.0	10.4	781,350	1986	7,859.0	7,833.3	13.4	1,046,779
1979	8,126.1	8,101.2	10.9	881,237	1987	10,742.1	10,451.3	8.6	903,059
1980	8,818.4	8,800.4	8.7	761,335	1988	9,128.0	9,078.4	12.7	1,149,723
1981	7,739.6	7,692.9	11.1	851,132	1989	9,962.8	9,917.4	10.4	1,034,437
1982	8,122.0	8,110.2	10.0	808,944	1990	9,696.8	9,658.2	15.1	1,456,896
1983	8,378.5	8,357.9	10.5	879,496	1991 ³	9,898.7	9,836.9	18.1	1,778,852
1984	8,324.0	8,309.1	11.1	925,579					

¹ In orchards of 100 or more bearing-age trees. ² Fresh fruit prices are equivalent returns at packinghouse-door for California, Oregon, New York, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door. ³ Preliminary.

National Agricultural Statistics Service.

Table 256.—Apples, fresh (dessert and cooking): Production in specified countries, 1988/89-1991/92 ¹

Continent and country	1988/89	1989/90	1990/91	1991/92 ²	Continent and country	1988/89	1989/90	1990/91	1991/92 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:					Other Europe—				
Canada ³	500.7	536.7	539.7	525.0	Con.				
Mexico	624.3	545.0	520.0	580.0	Norway	52.0	69.0	50.4	40.0
United States ³	4,140.4	4,519.0	4,398.4	4,477.3	Sweden	90.0	100.8	68.3	55.2
Total	5,265.4	5,600.7	5,458.1	5,582.3	Switzerland	435.5	217.9	312.5	136.2
					Turkey	1,950.0	1,850.0	1,900.0	1,950.0
South America:					Yugoslavia	518.0	546.0	523.0	480.0
Argentina	1,029.5	1,100.0	950.0	1,100.0	Total	4,472.0	3,997.8	4,052.6	3,882.4
Chile	660.0	690.0	760.0	770.0	Total Europe	13,409.3	12,713.3	12,183.5	9,497.7
Total	1,689.5	1,790.0	1,710.0	1,870.0					
European Community:					Africa:				
Belgium and Luxembourg	271.6	322.4	235.1	135.1	South Africa, Rep.	534.2	529.6	542.4	580.8
Denmark	90.2	85.0	70.0	55.0	Total	534.2	529.6	542.4	580.8
France	1,934.7	1,818.2	1,865.0	1,117.8					
Germany ⁴	2,467.0	2,483.1	2,222.0	1,315.5	Asia:				
Greece	269.1	264.3	320.0	200.0	Japan	1,042.0	1,045.0	1,053.0	555.0
Italy	2,442.5	2,162.0	2,102.0	1,810.0	Taiwan	12.1	18.0	12.6	15.7
Netherlands	383.0	417.0	431.0	223.0	Total	1,054.1	1,063.0	1,065.6	570.7
Spain	844.8	747.3	621.8	465.7					
United Kingdom	234.4	416.2	264.0	293.2	Oceania:				
Total EC	8,937.3	8,715.5	8,130.9	5,615.3	Australia	350.0	330.0	292.0	312.0
					New Zealand	359.5	403.9	424.7	459.2
Other Europe:					Total	709.5	733.9	716.7	771.2
Austria	295.7	255.1	268.4	271.0	Total specified countries	22,662.0	22,430.5	21,676.3	18,872.7
Hungary	1,130.8	959.0	930.0	950.0					

¹ May include some cider varieties in countries not reporting separately. ² Preliminary. ³ Commercial crop.

⁴ 1988/89 are for former F.R.G. only; subsequent years include both former F.R.G. and former G.D.R.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 257.—Apples, commercial crop: Production and utilization, United States, 1977-91

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Frozen	Other ²
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1977.....	6,739.6	6,710.0	3,859.6	1,075.9	225.5	160.9	³ 1,388.1
1978.....	7,596.9	7,544.0	4,210.4	1,224.2	221.0	207.4	³ 1,681.0
1979.....	8,126.1	8,101.2	4,288.6	1,336.7	255.7	136.6	³ 2,083.6
1980.....	8,818.4	8,800.4	4,934.1	1,202.4	194.7	167.5	³ 2,301.7
1981.....	7,739.6	7,692.9	4,442.2	1,002.4	190.0	172.7	³ 1,885.6
1982.....	8,122.0	8,110.2	4,536.7	1,248.6	209.9	190.8	³ 1,924.2
1983.....	8,378.5	8,357.9	4,620.5	1,204.4	283.3	169.6	³ 2,080.1
1984.....	8,324.0	8,309.1	4,654.6	1,176.7	288.6	198.1	³ 1,991.1
1985.....	7,914.5	7,826.8	4,221.7	1,255.4	242.4	194.3	³ 1,913.0
1986.....	7,859.0	7,833.3	4,463.6	1,179.0	199.4	257.3	³ 1,734.0
1987.....	10,742.1	10,451.3	5,610.1	1,305.8	283.8	249.1	³ 3,002.5
1988.....	9,128.0	9,078.4	5,238.3	1,399.1	285.0	265.7	³ 1,890.3
1989.....	9,962.8	9,917.4	5,865.3	1,320.4	282.4	321.5	³ 2,127.8
1990.....	9,696.8	9,658.2	5,551.0	1,378.3	270.3	303.8	³ 2,154.8
1991 ⁴	9,898.7	9,836.9	5,587.1	1,316.1	289.2	286.4	³ 2,358.1

¹ Includes "Home use." ² Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included. ³ Includes the following quantities of juice and cider (million pounds): 1977—1,267.2; 1978—1,494.6; 1979—1,953.8; 1980—2,136.9; 1981—1,798.4; 1982—1,807.8; 1983—1,984.7; 1984—1,888.8; 1985—1,839.1; 1986—1,643.1; 1987—2,928.8; 1988—1,823.6; 1989—2,071.1; 1990—2,080.8 and 1991—2,253.6. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 258.—Apples, commercial crop: Production and utilization, by States, crop of 1991 (preliminary)

State	Total production	Utilized production	Utilization					
			Fresh ¹	Processed (fresh basis)				
				Canned	Dried	Frozen	Juice and cider	Other ²
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
CA.....	800	800	350	30			315	
MI.....	930	930	280	230		110	300	10
NY.....	1,050	1,050	420	283		54	270	23
OR.....	120	120	83				25	
PA.....	550	550	206	221			120	2
VA.....	420	416	134	164				
WA.....	4,300	4,300	3,150	140			755	
WV.....	200	195	55	83			43	3.5
Other States ³	1,528.7	1,475.9	909.1	165.1	289.2	122.4	425.6	66
US.....	9,898.7	9,836.9	5,587.1	1,316.1	289.2	286.4	2,253.6	104.5

¹ Includes "Home use." ² Mostly vinegar, wine, and jam. ³ Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

National Agricultural Statistics Service.

Table 259.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1988/89-1990/91

Country	Year beginning July			Country	Year beginning July		
	1988/89	1989/90	1990/91		1988/89	1989/90	1990/91
EXPORTS	Metric tons	Metric tons	Metric tons	EXPORTS	Metric tons	Metric tons	Metric tons
Europe:				Netherlands Antilles.....	1,208	1,197	1,031
Finland.....	7,593	5,401	4,187	Trinidad and Tobago.....	11	0	1,346
France.....	267	92	1,295	Other countries.....	134	2	18
Iceland.....	1,450	1,356	1,268	Total.....	3,516	5,041	5,782
Ireland.....	2,385	1,391	2,102				
Netherlands.....	2,728	5,592	6,991	Other countries:			
Norway.....	6,455	2,940	4,695	Canada.....	51,541	66,618	74,885
Sweden.....	14,466	9,068	11,479	Taiwan.....	46,040	67,484	60,839
United Kingdom.....	18,300	25,542	34,919	French Pacific Islands.....	452	529	401
Other countries.....	631	1,216	1,728	Hong Kong.....	27,258	40,556	41,240
Total.....	54,275	52,598	68,664	Indonesia.....	0	786	2,642
				Kuwait.....	418	1,016	22
Latin America:				Liberia.....	4	0	0
Brazil.....	211	134	2,993	Malaysia.....	6,829	4,723	7,020
Colombia.....	4,184	3,808	3,263	New Zealand.....	1,604	3,163	10
Costa Rica.....	1,421	2,838	3,670	Other Pacific Islands.....	24	131	117
El Salvador.....	363	631	588	Philippines.....	6,119	15,681	4,349
Guatemala.....	89	70	113	Saudi Arabia.....	10,093	17,012	21,292
Nicaragua.....	0	0	176	Singapore.....	11,350	12,284	12,414
Mexico.....	7,527	11,203	10,465	Thailand.....	8,916	13,128	15,090
Honduras.....	796	1,098	887	United Arab Emirates.....	3,703	8,597	4,565
Panama.....	1,936	2,445	2,545	Other countries.....	431	1,009	425
Surinam.....	00	6	0	Total.....	174,782	252,717	245,370
Venezuela.....	32	512	14,932				
Other countries.....	106	221	376	Grand total.....	249,238	333,322	359,824
Total.....	16,665	22,966	40,008				
				IMPORTS			
Bermuda and Caribbean:				Australia.....	0	183	157
Bahamas.....	396	183	188	Canada.....	51,429	46,355	58,382
Barbados.....	18	411	453	Chile.....	27,219	22,427	24,720
Bermuda.....	269	935	522	France.....	1,238	1,754	0
Dominican Republic.....	906	1,543	712	New Zealand.....	21,383	26,917	21,704
French West Indies.....	35	304	1,165	South Africa.....	0	0	0
Haiti.....	322	292	122	Other countries.....	14,866	8,840	5,650
Leeward and Windward Islands.....	217	174	225	Total.....	116,135	106,476	110,613

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 260.—Apples: ¹ Foreign trade, United States, 1977-90

Year beginning October	Imports, fresh and dried, in terms of fresh	Domestic exports		Year beginning October	Imports, fresh and dried, in terms of fresh	Domestic exports	
		Fresh	Dried, in terms of fresh ¹			Fresh	Dried, in terms of fresh ¹
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
1977.....	63,647	142,360	8,210	1984.....	132,632	205,239	9,256
1978.....	78,452	154,780	7,272	1985.....	152,566	147,122	5,520
1979.....	71,182	237,409	5,520	1986.....	149,448	175,104	10,528
1980.....	76,831	311,288	7,592	1987.....	132,673	296,176	7,680
1981.....	128,295	269,228	8,348	1988.....	132,988	254,478	11,984
1982.....	98,732	261,802	16,062	1989.....	119,732	357,442	23,688
1983.....	126,030	228,677	12,002	1990.....	121,996	371,309	55,512

¹ Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh. No re-exports reported.

Economic Research Service. Commodity Economic Division.

Table 261.—Apricots: Production and value, United States, 1977-91 ¹

Year	Total production	Utilized production	Market year average price per ton ²	Value	Year	Total production	Utilized production	Market year average price per ton ²	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	147,300	141,300	210.00	29,671	1985.....	130,850	105,800	264.00	27,936
1978.....	126,200	126,200	249.00	31,364	1986.....	54,650	54,600	408.00	21,987
1979.....	144,200	144,200	269.00	38,718	1987.....	114,350	106,250	347.00	36,882
1980.....	129,000	129,000	291.00	37,505	1988.....	101,600	93,500	363.00	33,927
1981.....	89,400	89,380	311.00	27,765	1989.....	120,000	118,950	358.00	40,222
1982.....	118,200	118,060	324.00	38,287	1990.....	122,450	120,440	340.00	40,937
1983.....	93,050	93,000	315.00	29,311	1991 ³	95,800	91,790	407.00	37,356
1984.....	126,750	116,700	308.00	35,948					

¹ Production, price, and value for California, Utah, and Washington. ² Fresh fruit prices are equivalent packinghouse-door returns for California and Washington. Quantities processed are priced at the equivalent processing plant door level. ³ Preliminary.

National Agricultural Statistics Service.

Table 262.—Apricots: Production and marketing year average price per ton, by States, 1989-91

State	Total production			Utilized production			Price ² for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
CA.....	118,000	115,000	90,000	117,000	113,000	86,000	323.00	323.00	374.00
UT.....	400	250	100	350	240	90	470.00	460.00	820.00
WA.....	1,600	7,200	5,700	1,600	7,200	5,700	1,400.00	596.00	895.00
Total.....	120,000	122,450	95,800	118,950	120,440	91,790	338.00	340.00	407.00

¹ Preliminary. ² Fresh fruit prices are equivalent packinghouse-door returns for California and Washington. Quantities processed are priced at the equivalent processing plant door level.

National Agricultural Statistics Service.

Table 263.—Apricots, fresh: Production in specified countries, 1989-91

Continent and country	1989	1990	1991 ¹	Continent and country	1989	1990	1991 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
United States.....	108.9	111.1	86.9	Yugoslavia.....	46.3	47.0	35.0
Total.....	108.9	111.1	86.9	Total.....	612.2	588.0	579.3
South America:				Africa:			
Argentina.....	16.6	16.5	16.0	South Africa, Rep.....	43.0	51.2	47.7
Chile.....	14.0	14.7	15.5	Total.....	43.0	51.2	47.7
Total.....	30.6	31.2	31.5	Oceania:			
Europe:				Australia.....	31.0	33.1	34.0
France.....	128.0	109.7	100.0	New Zealand.....	8.8	10.0	9.3
Greece.....	83.9	113.4	63.2	Total.....	39.8	43.1	43.3
Italy.....	189.0	203.2	173.0	Total specified countries...	894.5	824.6	788.7
Spain.....	165.0	114.7	208.1				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 264.—Apricots: Production and utilization, United States,¹ 1977-91

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh ²	Processed (fresh basis)		
				Canned ³	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons
1977	147,300	141,300	11,960	79,340	39,500	10,500
1978	126,200	126,200	9,200	78,500	30,000	8,500
1979	144,200	144,200	10,890	84,310	39,000	10,000
1980	129,000	129,000	13,130	80,870	27,100	7,900
1981	89,400	89,380	12,230	43,650	25,000	8,500
1982	118,200	118,060	10,810	62,250	33,000	12,000
1983	93,050	93,000	9,750	44,050	28,200	11,000
1984	126,750	116,000	15,400	67,300	22,500	11,500
1985	130,850	105,800	19,350	61,450	13,000	12,000
1986	54,650	54,600	10,350	27,550	9,500	7,200
1987	114,350	106,250	15,950	53,600	23,600	13,100
1988	101,600	93,500	18,200	44,500	17,700	12,200
1989	120,000	118,950	15,750	67,000	25,000	11,000
1990	122,450	120,440	23,740	64,000	21,000	11,000
1991 ⁴	95,800	91,790	20,140	43,000	17,000	11,000

¹ California, Utah, and Washington. ² Includes "Home use." ³ Includes some quantities frozen or otherwise processed. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 265.—Apricots: Production and utilization, by States, crop of 1991 (preliminary)

State	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned ¹	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons
CA	90,000	86,000	15,000	43,000	17,000	11,000
UT	100	90	(²)			
WA	5,700	5,700	(²)			
US	95,800	91,790	20,140	43,000	17,000	11,000

¹ Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.

² Missing data not published to avoid disclosure of individual operations, but included in U.S. total.

National Agricultural Statistics Service.

Table 266.—Apricots: Foreign trade, United States, 1977-90

Beginning Year October	Domestic exports				
	Fresh	Canned ¹	Dried ¹	Dried, in fruit salad ²	Total, in terms of fresh ³
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1977	(*)	1,242	(*)	230	2,070
1978	(*)	2,249	(*)	173	2,503
1979	(*)	927	(*)	296	2,185
1980	(*)	1,499	(*)	331	2,777
1981	(*)	956	(*)	243	1,935
1982	(*)	1,012	(*)	211	1,811
1983	(*)	410	(*)	205	1,348
1984	(*)	342	(*)	243	1,494
1985	(*)	371	(*)	270	1,654
1986	(*)	387	(*)	228	1,450
1987	(*)	906	(*)	169	1,519
1988	3,447	884	774	366	9,939
1989	4,836	1,008	1,311	379	14,246
1990	4,894	1,519	1,207	421	14,351

¹ Net processed weight. ² Dried apricots are 12½ percent of total dried fruit for salad. ³ Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh. ⁴ Not available.

Economic Research Service. Commodity Economic Division.

Table 267.—Avocados: Production, marketing year average price per ton, and value, United States, 1977-78 to 1991-92

Season	California			Florida			California and Florida ³		
	Production ¹	Price ²	Value	Production ¹	Price ²	Value	Production ¹	Price ²	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1977-78	107,000	740	79,180	10,700	690	7,383	117,700	735	86,563
1978-79	123,000	691	84,993	23,100	400	9,240	146,100	645	94,233
1979-80	75,000	1,496	112,200	27,300	597	16,298	102,300	1,256	128,498
1980-81	238,000	357	84,966	30,800	529	16,293	268,800	377	101,259
1981-82	157,000	689	108,173	25,800	501	12,926	182,800	662	121,099
1982-83	202,000	460	92,920	34,700	480	16,658	236,700	463	109,578
1983-84	247,000	370	91,390	27,000	460	12,409	274,000	379	103,799
1984-85	200,000	582	116,400	29,500	390	11,496	229,500	557	127,896
1985-86	160,000	1,020	163,200	28,500	576	16,415	188,500	953	179,615
1986-87	278,000	338	93,964	24,700	412	10,176	302,700	344	104,140
1987-88	180,000	1,140	205,200	29,000	312	9,048	209,000	1,030	214,248
1988-89	165,000	1,260	207,900	27,000	436	11,772	192,000	1,140	219,672
1989-90	105,000	2,280	239,400	33,500	332	11,122	138,500	1,809	250,522
1990-91	136,000	1,410	191,760	19,600	684	13,406	155,600	1,319	205,166
1991-92 ⁴	150,000	1,100	165,000	28,300	476	13,471	178,300	1,001	178,471

¹ Production is the quantity sold or utilized. ² Quantities processed are priced at the equivalent processing plant door level. ³ Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Feb. 28 for Florida.

⁴ Preliminary.

National Agricultural Statistics Service.

Table 268.—Avocados: Foreign trade, United States, 1977-90

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	Metric tons		Metric tons		Metric tons
1977	3,162	1982	936	1987	2,455
1978	1,725	1983	1,872	1988	4,523
1979	1,409	1984	3,107	1989	8,865
1980	1,351	1985	5,181	1990	11,214
1981	760	1986	4,171		

Economic Research Service. Commodity Economic Division.

Table 269.—Bananas: Area, yield, production, marketing year average price, and value, Hawaii, 1977-91

Year	Area harvested	Yield per acre	Production	Price per pound	Value	Year	Area harvested	Yield per acre	Production	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1977	550	10.5	5,800	15.6	905	1985	840	9.7	8,160	30.3	2,472
1978	580	9.8	5,700	18.5	1,055	1986	980	9.9	9,700	30.0	2,910
1979	630	8.8	5,550	20.5	1,138	1987	1,070	10.7	11,400	29.7	3,386
1980	580	7.9	4,600	23.9	1,099	1988	1,070	12.3	13,200	33.0	4,356
1981	650	9.2	6,000	25.7	1,542	1989	1,000	11.9	11,900	36.5	4,344
1982	720	8.0	5,750	28.6	1,645	1990	930	12.2	11,300	38.0	4,294
1983	860	5.2	4,470	31.2	1,395	1991 ¹	890	12.8	11,400	41.0	4,674
1984	870	10.2	8,900	30.0	2,670						

¹ Preliminary.

National Agricultural Statistics Service.

Table 270.—Cherries: Production and value, United States, 1977-91

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Marketing year average price per ton ¹	Value	Total production	Utilized production	Marketing year average price per pound ¹	Value
	Tons	Tons	1,000 dollars	Tons	Tons	Dollars	1,000 dollars	Million pounds	Million pounds	Cents	1,000 dollars
1977	254,370	253,870	135,363	148,920	148,420	495.00	73,414	210.9	210.9	29.4	61,949
1978	247,380	247,380	187,162	156,780	156,780	688.00	107,828	181.2	181.2	43.8	79,334
1979	269,380	269,230	191,687	184,180	184,030	604.00	111,182	170.4	170.4	47.2	80,505
1980	282,750	276,400	136,955	173,700	168,300	554.00	98,230	218.1	216.2	20.2	43,725
1981	221,140	213,920	160,054	154,540	147,520	685.00	100,994	133.2	132.8	44.5	59,060
1982	312,050	257,060	128,765	156,600	134,610	699.00	94,097	310.9	244.9	14.1	34,645
1983	258,500	245,565	177,811	181,200	168,765	630.00	106,305	154.6	153.6	46.6	71,506
1984	317,600	292,200	164,100	181,800	164,250	609.00	100,096	271.6	255.9	25.0	64,004
1985	275,600	266,600	163,881	132,500	126,500	799.00	101,033	286.2	280.2	22.4	62,848
1986	249,760	245,960	156,859	137,710	136,760	823.00	112,593	224.1	218.4	20.3	44,266
1987	394,500	356,020	181,653	215,000	213,020	748.00	159,296	359.0	286.0	7.8	22,357
1988	304,300	301,260	189,105	186,200	184,510	788.00	145,330	236.2	233.5	18.7	43,775
1989	325,500	312,430	171,473	193,450	190,930	713.00	136,125	264.1	243.0	14.5	35,348
1990	261,130	233,800	155,004	156,730	132,350	894.00	118,319	208.8	202.9	18.1	36,685
1991 ²	246,500	238,250	222,697	151,550	143,400	960.00	137,659	189.9	189.7	44.8	85,038

¹ Fresh fruit prices are equivalent packinghouse-door returns for Western States, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ² Preliminary. National Agricultural Statistics Service.

Table 271.—Cherries: Production and season average price, by States, 1989-91

State	Total production			Utilized production			Price ² for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
CA	26,000	22,000	36,000	26,000	22,000	36,000	939.00	891.00	942.00
ID	2,700	2,000	400	2,500	1,600	400	761.00	1,080.00	508.00
MI	25,000	16,000	22,000	25,000	13,500	22,000	468.00	512.00	685.00
MT	(³)	280	(³)	(³)	150	(³)	(³)	1,670.00	(³)
NY	1,350	1,000	1,250	1,180	700	1,200	783.00	743.00	901.00
OR	52,000	48,000	40,000	50,000	40,000	39,000	551.00	644.00	862.00
PA	700	50	1,100	650	50	1,000	1,500.00	1,620.00	1,530.00
UT	1,700	1,400	800	1,600	1,350	800	806.00	645.00	875.00
WA	84,000	66,000	50,000	84,000	53,000	43,000	802.00	1,180.00	1,200.00
Total 9 States	193,450	156,730	151,550	190,930	132,350	143,400	713.00	894.00	960.00
TART VARIETIES	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents per pound	Cents per pound	Cents per pound
CO	.5	1.0	1.6	.4	.9	1.6	12.5	20.7	41.4
MI	180.0	160.0	110.0	170.0	160.0	110.0	14.9	18.5	48.1
NY	31.0	16.5	25.5	22.5	13.3	25.5	15.1	20.8	42.1
OR	15.0	7.5	7.5	15.0	7.5	7.5	15.0	12.9	29.5
PA	6.0	3.5	11.5	5.7	3.3	11.5	18.0	28.2	48.2
UT	24.0	15.5	26.0	22.5	13.5	26.0	12.1	14.1	44.6
WI	7.6	4.8	7.8	6.9	4.4	7.6	7.6	9.3	18.5
Total 7 States	264.1	208.8	189.9	243.0	202.9	189.7	14.5	18.1	44.8

¹ Preliminary. ² Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ³ No significant commercial production due to frost.

National Agricultural Statistics Service.

Table 272.—Cherries, fresh: Production in specified countries, 1989-91

Continent and country	1989	1990	1991 ¹	Continent and country	1989	1990	1991 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Europe—Con.			
Canada.....	13.5	9.2	10.0	Italy.....	136.5	108.8	105.1
United States	295.3	236.9	223.6	Spain.....	64.7	42.0	73.8
Total.....	308.8	246.1	233.6	Yugoslavia.....	220.0	182.0	130.0
				Total.....	835.0	712.9	492.4
South America:				Asia:			
Chile.....	10.6	11.2	12.3	Japan.....	14.5	16.0	15.4
Total.....	10.6	11.2	12.3	Total.....	14.5	16.0	15.4
Europe:				Oceania:			
France.....	99.0	79.1	41.0	Australia.....	7.0	7.2	7.0
Germany, (Unified).....	279.0	25.3	112.5	Total.....	7.0	7.2	7.0
Greece.....	35.8	41.7	30.0	Total specified countries...	1175.9	993.4	760.7

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 273.—Cherries: Production and utilization, by States, crop of 1991 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh ¹	Processed (fresh basis)		
				Canned and otherwise processed ²	Frozen	Brined
	Tons	Tons	Tons	Tons	Tons	Tons
SWEET VARIETIES						
CA.....	36,000	36,000	27,000			
MI.....	22,000	22,000	2,500	2,350	3,150	14,000
OR.....	40,000	39,000	9,000	5,500	3,500	21,000
WA.....	50,000	43,000	26,600	2,500	6,400	7,500
Other States ³	3,550	3,400	2,580		650	9,170
US.....	151,550	143,400	67,680	10,350	13,700	51,670
TART VARIETIES						
MI.....	55,000	55,000	500	18,000	35,500	1,000
Other States ⁴	39,950	39,850	1,350	12,550	24,650	1,300
US.....	94,950	94,850	1,850	30,550	60,150	2,300

¹ Includes "Home use." ² Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc. ³ Idaho, New York, Pennsylvania, and Utah. ⁴ Colorado, New York, Oregon, Pennsylvania, Utah, and Wisconsin.

National Agricultural Statistics Service.

Table 274.—Cherries: Production and utilization, United States,¹ 1977-91

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh ²	Processed (fresh basis)		
				Canned ^{3 4}	Frozen	Brined
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons
1977	148,920	148,420	72,320	21,990	.....	54,110
1978	156,780	156,780	66,670	28,060	.....	62,050
1979	184,180	180,030	86,030	23,300	.....	74,700
1980	173,700	168,300	86,460	23,340	.....	59,500
1981	154,540	147,520	71,738	20,765	.....	55,017
1982	156,600	134,610	67,610	21,200	.....	45,800
1983	181,200	168,765	95,090	28,402	.....	45,273
1984	181,800	164,250	90,490	23,310	.....	50,450
1985	132,500	126,500	53,040	22,050	.....	51,410
1986	137,710	136,760	68,320	17,900	.....	50,540
1987	215,000	213,020	108,140	29,950	.....	74,930
1988	186,200	184,510	87,230	29,660	.....	67,620
1989	193,450	190,930	103,510	29,420	.....	58,000
1990	156,730	132,350	70,500	22,200	.....	39,650
1991 ⁵	151,550	143,400	67,680	24,050	.....	51,670
TART VARIETIES	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1977	210.9	210.9	6.1	65.5	139.3	.....
1978	181.2	181.2	5.0	49.9	126.3	.....
1979	170.4	170.4	4.3	49.8	116.3	.....
1980	218.1	216.2	6.3	74.5	135.4	.....
1981	133.2	132.8	4.0	41.3	87.5	.....
1982	310.9	244.9	7.4	76.7	160.8	.....
1983	154.6	153.6	5.3	43.1	105.2	.....
1984	271.6	255.9	7.9	81.4	166.6	.....
1985	286.2	280.2	7.6	65.8	206.8	.....
1986	224.1	218.4	5.5	53.4	159.5	.....
1987	359.0	286.0	9.1	88.7	188.2	.....
1988	236.2	233.5	5.0	67.0	161.5	.....
1989	264.1	243.0	6.7	60.1	176.2	.....
1990	208.8	202.9	5.1	78.0	119.8	.....
1991 ⁵	189.9	189.7	3.7	65.7	120.3	.....

¹ California, Colorado, Idaho, Michigan, Montana, New York, Oregon, Pennsylvania, Utah, Washington, and Wisconsin. ² Includes "Home use." ³ For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries. ⁴ Sweet varieties includes small quantities used for juice, wine, brandy, etc.

⁵ Preliminary.

National Agricultural Statistics Service.

Table 275.—Cherries: Foreign trade, United States, 1977-90

Year beginning October	Imports		Domestic exports		Year beginning October	Imports		Domestic exports	
	Natural, sulfured, or in brine	Dried or preserved	Fresh	Canned		Natural, sulfured, or in brine	Dried or preserved	Fresh	Canned
	Metric tons	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons	Metric tons
1977	103	103	7,200	1,697	1984	2,629	1,078	7,103	1,576
1978	1,164	568	10,686	2,395	1985	4,541	1,924	11,438	2,452
1979	646	117	9,095	2,677	1986	2,047	723	23,318	2,640
1980	297	157	9,597	2,810	1987	3,488	455	25,899	2,293
1981	445	233	9,257	1,881	1988	2,420	1,020	27,066	2,207
1982	942	381	7,831	1,726	1989	1,837	1,712	22,652	2,383
1983	1,675	550	7,937	1,767	1990	1,615	1,191	18,824	2,479

Economic Research Service. Commodity Economic Division.

Table 276.—Citrus fruits: Production and value, United States, for season of 1977-78 to 1991-92

Season ¹	Production	Marketing year average returns per box ²	Value	Quantities processed ³	Production	Marketing year average returns per box ²	Value	Quantities processed ³
Oranges ⁴					Grapefruit			
	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes
1977-78.....	220,120	5.45	1,198,657	175,549	74,660	2.54	189,692	44,382
1978-79.....	210,600	6.15	1,295,735	170,359	67,380	3.43	231,271	38,550
1979-80.....	273,680	4.85	1,328,054	218,880	73,200	4.13	302,190	44,719
1980-81.....	244,580	5.30	1,295,281	194,144	67,860	4.74	321,517	39,953
1981-82.....	176,690	6.53	1,167,301	130,230	70,550	3.24	227,592	41,786
1982-83.....	225,180	5.96	1,317,056	165,725	61,200	3.06	186,197	28,687
1983-84.....	169,440	7.68	1,303,885	121,410	53,840	4.09	220,196	27,999
1984-85.....	158,350	9.16	1,455,410	109,693	56,150	5.47	310,530	32,782
1985-86.....	175,440	6.18	1,090,428	120,945	57,870	5.87	341,957	30,550
1986-87.....	181,175	7.29	1,322,499	127,860	63,775	6.53	414,395	33,692
1987-88.....	200,250	8.52	1,773,681	146,729	68,700	7.01	478,588	35,505
1988-89.....	209,050	8.90	1,848,467	157,191	69,500	6.00	416,041	34,873
1989-90.....	184,415	7.96	1,465,072	129,571	49,300	7.49	371,897	26,686
1990-91.....	178,950	8.69	1,582,421	148,881	55,500	7.12	393,140	24,690
1991-92 ⁵	208,310	7.72	1,599,066	153,451	55,265	7.81	425,951	23,916
Lemons					Limes			
1977-78.....	26,100	4.24	110,635	13,900	460	19.11	8,791	120
1978-79.....	19,600	6.87	134,561	7,630	720	16.16	11,637	239
1979-80.....	20,750	8.11	168,354	10,045	1,100	12.55	13,800	478
1980-81.....	31,300	4.83	151,174	19,910	1,200	11.10	13,325	503
1981-82.....	24,800	4.26	105,688	14,250	1,300	12.44	16,170	675
1982-83.....	25,000	4.37	109,298	13,535	1,700	13.09	22,255	725
1983-84.....	20,750	5.66	117,408	9,480	1,440	12.16	17,506	615
1984-85.....	25,450	6.61	168,276	13,850	1,640	12.13	19,901	615
1985-86.....	18,200	11.93	217,065	6,810	1,725	12.70	21,901	845
1986-87.....	28,600	6.37	182,171	16,255	1,450	13.50	19,569	600
1987-88.....	20,650	9.78	202,046	8,585	1,300	17.93	23,314	440
1988-89.....	20,000	11.75	234,955	7,720	1,250	17.18	21,474	300
1989-90.....	18,600	15.04	279,825	6,336	1,650	13.87	22,884	640
1990-91.....	18,900	15.31	289,453	7,100	1,450	19.21	27,859	520
1991-92 ⁵	20,200	12.68	256,209	8,120	1,600	14.27	22,827	530
Tangerines ⁶					Tangelos			
1977-78.....	5,200	6.84	35,560	2,069	4,900	4.72	23,128	2,913
1978-79.....	5,400	8.07	43,572	2,309	4,200	5.55	23,327	2,479
1979-80.....	6,300	5.81	36,595	2,736	6,400	4.54	29,051	4,593
1980-81.....	5,560	6.45	35,850	2,495	4,900	5.70	27,943	2,844
1981-82.....	6,580	8.12	53,125	3,093	5,100	5.46	27,865	3,320
1982-83.....	6,850	8.48	56,457	2,654	3,800	6.34	24,102	1,922
1983-84.....	6,175	8.57	52,020	2,342	3,600	6.33	22,796	2,004
1984-85.....	4,620	14.42	65,554	1,630	3,600	9.54	34,354	2,132
1985-86.....	4,700	13.34	61,952	1,521	2,950	6.49	19,141	1,612
1986-87.....	5,470	12.89	69,720	1,651	4,000	6.16	24,626	2,690
1987-88.....	5,140	15.67	80,400	1,502	4,200	7.76	32,605	2,805
1988-89.....	5,590	14.92	83,075	1,956	3,800	8.26	31,392	2,452
1989-90.....	3,950	18.15	71,738	1,251	2,950	7.04	20,778	1,832
1990-91.....	3,900	19.12	74,188	251	2,650	8.10	21,459	1,464
1991-92 ⁵	6,200	17.12	104,252	1,674	2,600	9.04	23,494	1,293
Templets								
1977-78.....	4,900	5.35	26,215	2,851				
1978-79.....	4,700	6.49	30,510	2,565				
1979-80.....	6,000	4.57	27,439	3,216				
1980-81.....	3,600	6.00	21,595	2,493				
1981-82.....	3,200	5.89	18,862	2,362				
1982-83.....	4,700	5.97	28,056	3,137				
1983-84.....	2,900	7.41	21,489	2,138				
1984-85.....	3,250	8.07	26,225	2,624				
1985-86.....	2,950	5.44	16,052	2,037				
1986-87.....	3,400	6.03	20,513	2,347				
1987-88.....	3,550	7.87	27,940	2,258				
1988-89.....	3,750	7.43	27,844	2,881				
1989-90.....	1,400	7.62	10,668	1,261				
1990-91.....	2,500	8.32	20,792	1,706				
1991-92 ⁵	2,350	8.55	20,092	1,494				

¹ See footnote 1, table 277. ² Equivalent returns per box at the intake packinghouse door for all methods of sale. ³ Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment. ⁴ Includes small quantities of tangerines in Texas. Excludes Florida templets. ⁵ Preliminary. ⁶ Statistics for 1981-82 and after include honey tangerines grown in Florida. Florida "All tangerines" include Sunburst tangerines beginning with the 1989-90 season.

National Agricultural Statistics Service.

Table 277.—Citrus fruits: Production and marketing year average returns per box, by States, 1989-90 to 1991-92

Crop and State	Production of crop for season ¹ of—			Price ² of crop for season of—		
	1989-90	1990-91	1991-92 ²	1989-90	1990-91	1991-92 ²
ORANGES						
Early, midseason, and Navel varieties: ⁴	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
AZ.....	390	550	780	10.76	13.63	10.88
CA.....	44,300	15,800	35,100	8.03	10.08	9.69
FL.....	68,100	87,500	83,400	7.86	7.28	7.39
TX.....	1,050	0	20	7.34	0	14.98
Total early, midseason, and Navel varieties ⁵	113,840	103,850	119,300	7.93	7.68	8.01
Valencia:						
AZ.....	1,220	1,200	1,600	7.76	19.99	4.42
CA.....	27,100	9,800	31,000	7.36	21.52	4.01
FL.....	42,100	64,100	56,400	8.38	8.48	8.91
TX.....	155	0	10	3.53	0	13.10
Total Valencia ⁵	70,575	75,100	89,010	8.01	10.09	7.32
All oranges:						
AZ.....	1,610	1,750	2,380	8.49	17.99	6.54
CA.....	71,400	25,600	66,100	7.77	14.46	7.02
FL.....	110,200	151,600	139,800	8.06	7.79	8.00
TX.....	1,205	0	30	6.85	0	14.37
US, all oranges ⁵	184,415	178,950	208,310	7.96	8.69	7.72
GRAPEFRUIT						
AZ.....	2,200	2,400	2,800	10.00	6.39	5.72
CA, all.....	9,400	8,000	10,000	8.01	6.13	5.83
Desert.....	3,500	3,500	3,500	9.09	5.98	6.05
Other areas.....	5,900	4,500	6,500	7.40	6.24	5.72
FL, all.....	35,700	45,100	42,400	7.29	7.29	8.27
Colored seedless.....	16,300	21,800	22,100	7.94	8.48	8.37
White seedless.....	18,000	21,700	19,100	6.85	6.22	8.26
Other.....	1,400	1,600	1,200	5.44	5.53	6.41
TX.....	2,900	0	65	7.08	0	15.12
US, all grapefruit ⁵	49,300	55,500	55,265	7.49	7.12	7.81
LEMONS						
AZ.....	2,800	4,100	5,100	14.23	11.53	13.21
CA.....	15,800	14,800	15,100	15.19	16.36	12.51
US, lemons ⁵	18,600	18,900	20,200	15.04	15.31	12.68
LIMES						
FL.....	1,650	1,450	1,600	13.87	19.21	14.27
TANGELOS						
FL.....	2,950	2,650	2,600	7.04	8.10	9.04
TANGERINES						
AZ.....	600	600	1,200	16.44	18.71	12.37
CA.....	1,650	1,350	2,400	18.90	17.97	14.75
FL.....	1,700	1,950	2,600	18.05	19.85	20.77
US, tangerines ⁵	3,950	3,900	6,200	18.15	19.12	17.21
TEMPLES						
FL.....	1,400	2,500	2,350	7.62	8.32	8.55

¹ Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in late October of the first year shown and continues into December of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California desert and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Mar. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested largely from October through April. ² Preliminary.

³ Equivalent returns per box at the intake packinghouse-door for all methods of sale. ⁴ Navel and miscellaneous varieties in Arizona and California; early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas. ⁵ Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California desert, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—88 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds. ⁶ No commercial production due to December 1989 freeze.

National Agricultural Statistics Service.

Table 278.—Citrus fruits: Production in specified countries, 1989-90 to 1991-92 ¹

Commodity and country	1989-90	1990-91	1991-92 ²	Commodity and country	1989-90	1990-91	1991-92 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Oranges:				Grapefruit:			
Egypt.....	1,397	1,574	1,600	Egypt.....	2	2	2
Chile.....	115	118	117	Uruguay.....	23	10	11
Uruguay.....	82	122	130	Cuba.....	264	332	332
Cuba.....	604	600	600	Cyprus.....	118	118	100
Gaza Strip.....	171	116	120	Israel.....	373	384	317
Cyprus.....	223	174	173	Gaza Strip.....	13	11	12
Argentina.....	750	640	750	Argentina.....	190	160	170
Brazil.....	12,036	12,360	13,180	Brazil.....	25	25	25
Japan.....	54	50	38	Italy.....	8	7	9
Mexico.....	1,900	2,300	2,100	Mexico.....	95	100	110
Spain.....	2,400	2,590	2,490	United States.....	1,795	2,046	1,985
United States ³	7,083	7,218	8,135	Morocco.....	4	4	4
Australia.....	458	483	509	Turkey.....	28	37	40
Morocco.....	775	1,103	790	Spain.....	22	20	21
Israel.....	877	567	550	South Africa, Rep.....	124	132	135
Greece.....	932	819	770	Greece.....	7	7	6
South Africa, Rep.....	697	678	665	Australia.....	26	24	24
Turkey.....	740	735	850				
Italy.....	2,067	1,820	2,000	Total.....	3,117	3,419	3,303
Total.....	33,361	34,067	35,567	Lemons:			
Tangerines:				Egypt.....	2	2	2
Egypt.....	170	257	265	Chile.....	74	72	70
Cuba.....	17	15	15	Uruguay.....	51	42	52
Cyprus.....	12	12	10	Cyprus.....	66	54	50
Israel.....	127	92	97	Israel.....	40	36	37
Japan.....	2,375	1,993	1,860	Gaza Strip.....	13	10	10
Turkey.....	336	345	320	Argentina.....	400	570	570
Brazil ⁴	592	570	605	Brazil ⁵	53	53	53
Uruguay.....	49	53	66	Greece.....	189	169	120
Spain.....	1,084	1,575	1,400	Mexico.....	7	5	5
United States ⁴	269	257	308	Australia.....	36	35	35
Argentina.....	220	200	230	United States.....	640	655	676
Morocco.....	223	311	294	Morocco.....	20	20	20
Greece.....	75	74	75	Turkey.....	335	360	400
Australia.....	43	46	51	Italy.....	667	620	680
Mexico.....	169	170	165	South Africa, Rep.....	55	62	63
Italy.....	476	445	500	Japan.....	2	2	2
Total.....	6,267	6,415	6,261	Spain.....	660	630	510
				Total.....	3,310	3,397	3,355

¹ Split years refer to harvest periods which usually begin in the fall and extend through the following spring. This corresponds roughly with October-June in the Northern Hemisphere and April-December of the second year shown in the Southern Hemisphere. ² Preliminary. ³ Includes temple oranges. ⁴ Includes tangelos. ⁵ Sao Paulo only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information. U.S. data are from USDA Crop Reporting Board.

Table 279.—Canned citrus juices, single-strength: United States packs, 1977-90

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹
1977.....	11,654	1,748	2,427	15,829	1,664	194	87	1,945	8
1978.....	13,222	2,795	2,209	18,226	1,255	95	80	1,430	19
1979.....	13,869	2,079	2,419	18,367	1,314	138	82	1,534	17
1980.....	13,012	2,397	2,195	17,604	984	51	47	1,082	9
1981.....	11,504	1,169	1,057	13,730	727	43	42	812	6
1982.....	9,802	(²)	(²)	* 9,802	650	(²)	(²)	* 650	4
1983.....	9,084	(²)	(²)	* 9,084	555	(²)	(²)	* 555	(²)
1984.....	7,425	(²)	(²)	* 7,425	615	(²)	(²)	* 615	1
1985.....	7,596	(²)	(²)	* 7,596	577	(²)	(²)	* 577	(²)
1986.....	8,122	(²)	(²)	* 8,122	533	(²)	(²)	* 533	(²)
1987.....	7,256	(²)	(²)	* 7,256	449	(²)	(²)	* 449	(²)
1988.....	8,164	(²)	(²)	* 8,164	424	(²)	(²)	* 424	(²)
1989.....	6,640	(²)	(²)	* 6,640	334	(²)	(²)	* 334	(²)
1990.....	7,130	(²)	(²)	* 7,130	450	(²)	(²)	* 450	(²)

¹ Equivalent cases of 24 No. 2 cans. ² Pack data not available. ³ Not available. ⁴ Florida only.
Economic Research Service. Commodity Economic Division.

Table 280.—Concentrated citrus juices: Annual packs, Florida, 1977-90

Season beginning December	Frozen concentrated juice ¹			
	Orange ²	Grapefruit	Tangerine	Blend
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1977.....	161,204	13,693	1,672	1
1978.....	173,100	14,243	1,384	3
1979.....	231,257	19,443	2,142	1
1980.....	174,537	20,763	1,199	3
1981.....	133,294	21,869	943	18
1982.....	169,577	14,483	505	1
1983.....	121,216	19,291	806	(²)
1984.....	118,472	24,802	797	(²)
1985.....	132,405	24,162	1,029	(²)
1986.....	145,056	28,875	373	(²)
1987.....	169,973	31,906	583	(²)
1988.....	174,717	32,466	495	10
1989.....	90,285	21,774	371	(²)
1990.....	151,396	21,672	279	(²)

¹ Net pack. ² Frozen orange juice reported in 45.0° Brix through 1978; 43.4° Brix for 1979-80; and 42.0° Brix thereafter. Includes concentrated juice for manufacture. ³ Not available.
Economic Research Service. Commodity Economic Division.

Table 281.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1977-90

Season	Sections, Florida	Juice (single-strength)			
		Florida	Texas	California and Arizona	Total
	<i>1,000 cases</i> ¹	<i>1,000 cases</i> ¹	<i>1,000 cases</i> ¹	<i>1,000 cases</i> ¹	<i>1,000 cases</i> ¹
1977.....	1,753	17,246	4,690	4,443	26,379
1978.....	1,823	16,764	3,462	4,949	25,175
1979.....	1,966	16,604	3,606	4,018	24,228
1980.....	1,671	14,231	2,005	3,193	19,429
1981.....	1,343	15,724	1,894	2,811	20,429
1982.....	1,235	11,651	(2) ²	(2) ²	11,651
1983.....	(2) ²	9,513	(2) ²	(2) ²	³ 9,513
1984.....	(2) ²	10,552	(2) ²	(2) ²	³ 10,552
1985.....	(2) ²	9,948	(2) ²	(2) ²	³ 9,948
1986.....	(2) ²	8,982	(2) ²	(2) ²	³ 8,982
1987.....	(2) ²	7,724	(2) ²	(2) ²	³ 7,724
1988.....	(2) ²	7,956	(2) ²	(2) ²	³ 7,956
1989.....	(2) ²	5,986	(2) ²	(2) ²	³ 5,986
1990.....	(2) ²	6,678	(2) ²	(2) ²	³ 6,678

¹ Equivalent cases of 24 No. 2 cans. ² Not available. ³ Florida only.

Economic Research Service. Commodity Economic Division.

Table 282.—Citrus juice: United States exports by kind, 1977/78-1990/91

Year beginning November	Orange juice			Grapefruit juice		
	Single strength	Concentrate		Single strength	Concentrate	
		Hot pack	Frozen		Hot pack	Frozen
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1977/78.....	8,198			3,372		
1978/79.....	8,827			3,832		
1979/80.....	10,105			3,977		
1980/81.....	9,282	6,761	74,563	3,834	1,906	13,839
1981/82.....	7,878	7,028	63,291	3,119	1,637	13,652
1982/83.....	6,834	5,942	69,659	2,966	1,379	9,752
1983/84.....	5,356	4,324	65,716	1,756	1,582	12,259
1984/85.....	6,075	3,736	47,372	1,575	1,556	10,951
1985/86.....	3,534	3,479	37,377	1,482	2,197	8,970
1986/87.....	4,495	3,586	50,240	2,107	1,928	12,814
1987/88.....	7,560	4,356	54,121	2,716	2,148	19,102
1988/89.....	11,064	5,401	56,498	4,932	1,448	10,916
1989/90.....	0	9,766	78,416	465	5,986	9,114
1990/91.....	0	11,624	85,074	0	6,002	9,984

Omitted data is misleading. Although reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, some customs ports failed to switch recording methods until later. Frozen and hot pack exports from October 1980 onward are in single strength rather than concentrated equivalents.

U.S. export data to Canadian destinations prior to 1990 used in this chart are not accurate because late-night shipments were not recorded.

In 1989/90 the tariff code system was changed. Harmonized tariff code 2009190000 includes both hot pack and single-strength orange juices, which are now both included only in the hot pack column.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 283.—Oranges, fresh: ¹ United States exports by country of destination, 1988-90

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1988	1989	1990		1988	1989	1990
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				French West Indies.....	0	180	393
Belgium and Luxembourg..	34	164	0	Netherlands Antilles.....	102	100	225
Denmark.....	0	0	0	Other countries.....	80	70	30
France.....	320	81	103	Total.....	319	482	1,024
Germany, Fed. Rep. of.....	25	4	0	Other countries:			
Iceland.....	0	0	43	Australia.....	8,997	8,410	1,807
Netherlands.....	3,169	3,864	1,097	Canada.....	89,428	177,598	87,236
Norway.....	37	17	0	Taiwan.....	5,153	12,163	5,429
Sweden.....	935	122	42	French Pacific Islands.....	245	184	228
United Kingdom.....	655	1,191	339	Hong Kong.....	101,958	113,364	48,377
Other countries.....	382	40	0	Indonesia.....	0	180	36
Total.....	5,557	5,483	1,624	Japan.....	118,765	143,879	75,392
Latin America:				Korea, Rep. of.....	587	1,632	696
Mexico.....	1,449	1,362	332	Malaysia.....	10,568	8,886	4,927
Other countries.....	18	32	71	New Zealand.....	5,035	3,852	417
Total.....	1,467	1,394	403	Philippines.....	1,743	2,963	325
Bermuda and Caribbean:				Singapore.....	17,349	18,861	5,298
Bahamas.....	111	19	18	Other countries.....	158	236	42
Barbados.....	22	110	287	Total.....	359,986	492,228	230,211
Bermuda.....	4	3	71	Grand total.....	367,329	499,587	233,263

¹ Includes temple oranges.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 284.—Fresh citrus fruits: Foreign trade, United States, 1977-90

Year ¹	Oranges		Grapefruit		Lemons		Limes		Tangerines	
	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	25,719	337,435	2,867	260,827	28	217,443	11,286	2,551	² 6,124	16,994
1978.....	28,536	300,285	2,722	278,443	355	180,498	11,939	3,516	22,616	21,642
1979.....	14,924	459,393	4,215	272,625	55	170,093	17,487	3,453	19,811	19,897
1980.....	7,765	411,608	4,085	297,753	45	175,128	21,253	2,457	12,915	16,030
1981.....	13,681	372,142	997	269,645	5,159	136,081	14,532	3,025	16,810	12,923
1982.....	6,215	440,702	2,070	301,835	1,579	151,891	11,689	2,230	9,882	17,485
1983.....	17,247	383,333	1,306	243,390	5,501	152,673	20,638	2,289	18,452	10,195
1984.....	24,034	395,642	2,312	198,624	6,846	146,997	30,991	2,328	6,895	15,773
1985.....	28,097	401,008	2,625	269,225	12,872	139,910	28,101	2,357	9,144	8,559
1986.....	19,746	399,979	1,769	355,858	8,319	145,968	29,522	4,547	13,706	15,778
1987.....	22,183	335,091	5,084	462,138	6,800	140,839	40,843	2,839	14,954	14,712
1988.....	8,532	364,736	3,856	481,017	5,578	139,573	43,254	2,814	17,334	19,975
1989.....	12,082	490,088	4,525	301,182	10,518	132,675	44,077	4,055	11,907	6,118
1990.....	61,685	251,938	8,100	458,874	14,501	119,385	65,848	4,854	11,258	8,363

¹ Year beginning October for all commodities. ² Beginning 1977, tangerines reported separately.

Economic Research Service. Commodity Economic Division.

Table 285.—Dates: Production, marketing year average price per ton, and value, California, 1977-91

Year	Production	Price ¹	Value	Year	Production	Price ¹	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	25,400	338	8,585	1985.....	28,900	860	24,854
1978.....	21,550	485	10,452	1986.....	17,800	828	14,738
1979.....	21,300	514	10,948	1987.....	19,400	872	16,917
1980.....	22,400	634	14,204	1988.....	22,000	896	19,712
1981.....	22,300	639	14,250	1989.....	22,000	1,040	22,880
1982.....	23,900	736	17,590	1990.....	24,000	820	19,680
1983.....	17,000	638	10,846	1991 ²	22,000	970	21,340
1984.....	22,200	791	17,560				

¹ Quantities processed are priced at the equivalent processing plant door level. ² Preliminary.

National Agricultural Statistics Service.

Table 286.—Dates: Foreign trade, United States, 1978-90

Year beginning October	Imports	Year beginning October	Imports	Year beginning October	Imports
	<i>Metric tons</i>		<i>Metric tons</i>		<i>Metric tons</i>
1978.....	18,429	1983.....	10,314	1988.....	10,046
1979.....	12,905	1984.....	14,601	1989.....	9,314
1980.....	1,270	1985.....	2,833	1990.....	5,539
1981.....	5,163	1986.....	3,059		
1982.....	9,475	1987.....	5,593		

Economic Research Service. Commodity Economic Division.

Table 287.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1977-91 ¹

Year	Area harvested	Yield per acre ²	Total production ³	Utilized production	Price ⁴	Value	Quantities processed ⁵
	<i>Acres</i>	<i>Barrels ⁶</i>	<i>Barrels ⁶</i>	<i>Barrels ⁶</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Barrels ⁶</i>
1977.....	22,540	93.3	2,102,200	2,102,200	18.10	38,154	1,454,000
1978.....	23,120	106.3	2,458,500	2,458,500	21.50	52,903	1,917,700
1979.....	23,200	106.7	2,475,500	2,475,500	26.70	66,039	2,067,000
1980.....	23,190	116.3	2,697,500	2,697,500	33.20	89,462	2,259,600
1981.....	23,150	112.0	2,593,000	2,593,000	41.50	107,494	1,977,100
1982.....	23,350	130.1	3,039,000	3,039,000	40.20	122,297	2,380,800
1983.....	24,050	124.2	2,986,000	2,986,000	44.80	133,830	2,588,300
1984.....	24,620	134.9	3,322,000	3,322,000	46.70	155,081	2,940,500
1985.....	25,700	135.6	3,485,000	3,485,000	46.30	161,439	3,093,200
1986.....	26,300	140.3	3,690,000	3,690,000	44.70	165,086	3,201,400
1987.....	26,700	127.0	3,391,000	3,391,000	44.50	150,906	3,030,000
1988.....	27,300	149.5	4,080,000	4,080,000	45.70	186,340	3,738,800
1989.....	27,500	136.3	3,747,000	3,747,000	44.00	164,720	3,407,500
1990.....	27,800	122.0	3,391,000	3,391,000	46.10	156,365	3,151,800
1991 ⁷	28,300	149.1	4,219,000	4,219,000	49.00	206,783	3,912,000

¹ Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin. ² Derived from total production. ³ Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order. ⁴ Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production. ⁵ Mainly for canning. ⁶ Barrels of 100 pounds. ⁷ Preliminary.

National Agricultural Statistics Service.

Table 288.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1989-91

State	Area harvested			Yield per acre			Total production			Price ² for crop of		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Bbl.³</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
MA	12,300	12,400	12,600	147.6	106.3	156.8	1,815,000	1,318,000	1,976,000	45.70	47.60	49.90
NJ	3,200	3,200	3,200	91.3	100.9	102.2	292,000	323,000	327,000	41.00	45.00	47.50
OR	1,400	1,400	1,400	131.4	150.0	145.0	184,000	210,000	203,000	42.80	44.80	47.30
WA	1,400	1,400	1,400	111.4	110.7	112.9	156,000	155,000	158,000	42.80	44.80	47.30
WI	9,200	9,400	9,700	141.3	147.3	160.3	1,300,000	1,385,000	1,555,000	42.50	45.30	48.60
US	27,500	27,800	28,300	136.3	122.0	149.1	3,747,000	3,391,000	4,219,000	44.00	46.10	49.00

¹ Preliminary. ² Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production. ³ Barrels of 100 pounds.

National Agricultural Statistics Service.

Table 289.—Figs: Production, marketing year average price per ton, and value, California, 1977-91

Year	Dried (dry basis)			Price	Fresh and canned		Total		
	Production				Production (fresh basis)	Price ¹	Production (fresh basis) ²	Price ¹	Value
	Total	Stand-ard	Substand-ard						
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	12,700	11,000	1,700	869.00	3,400	345.00	41,500	295.00	12,243
1978	9,300	6,930	2,370	940.00	3,700	352.00	31,600	318.00	10,049
1979	11,640	10,240	1,400	1,217.00	3,800	416.00	38,720	399.00	15,444
1980	14,450	11,400	3,050	888.00	2,100	493.00	45,450	306.00	13,910
1981	12,200	10,150	2,050	961.00	1,600	542.00	38,200	329.00	12,579
1982	12,200	9,650	2,550	820.00	n.a.	n.a.	37,700	278.00	10,498
1983	10,500	9,000	2,050	600.00	n.a.	n.a.	34,000	206.00	6,994
1984	11,500	9,800	1,700	836.00	n.a.	n.a.	36,500	288.00	10,508
1985	10,400	8,570	1,830	848.00	n.a.	n.a.	32,600	305.00	9,953
1986	16,200	12,450	3,750	806.00	n.a.	n.a.	50,000	283.00	14,173
1987	16,850	14,100	2,750	952.00	n.a.	n.a.	52,300	331.00	17,336
1988	18,000	15,850	2,150	1,010.00	n.a.	n.a.	55,500	352.00	19,530
1989	15,500	13,800	1,700	1,120.00	n.a.	n.a.	48,000	379.00	18,198
1990	15,700	13,300	2,400	966.00	n.a.	n.a.	48,700	353.00	17,177
1991	11,900	10,500	1,400	1,010.00	n.a.	n.a.	37,000	364.00	13,451

¹ Quantities processed are priced at the equivalent processing plant door level. ² Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried. n.a. not available.

National Agricultural Statistics Service.

Table 290.—Figs, dried: Foreign trade, United States, 1977-90

Year beginning October	Imports for consumption	Domestic exports	Year beginning October	Imports for consumption	Domestic exports	Year beginning October	Imports for consumption	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1977	3,368	1,310	1982	2,517	731	1987	2,941	773
1978	3,387	1,472	1983	2,745	995	1988	4,856	1,404
1979	1,975	1,645	1984	3,132	1,293	1989	5,437	2,243
1980	1,843	1,388	1985	3,367	735	1990	5,403	2,874
1981	2,068	1,241	1986	2,740	612			

Economic Research Service. Commodity Economic Division.

Table 291.—Grapes: Production, value, and raisin production, United States, 1977-91

Year	Grapes				Raisins, production (California) ²	Year	Grapes				Raisins, production (California) ³
	Production (fresh basis)		Market year average price per ton ²	Value			Production (fresh basis)		Market year average price per ton ²	Value	
	Total ¹	Utilized ¹					Total ¹	Utilized ¹			
	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons		1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons
1977 ⁴	4,298	4,296	194.00	835,299	248	1984 ⁴	5,208	5,183	190.00	984,324	335
1978 ⁴	4,567	4,318	233.00	1,005,794	229	1985 ⁴	5,616	5,616	172.00	965,378	346
1979 ⁴	4,989	4,989	236.00	1,179,238	302	1986 ⁴	5,228	5,227	226.00	1,185,242	277
1980 ⁴	5,595	5,595	240.00	1,341,092	309	1987 ⁴	5,267	5,253	259.00	1,358,728	356
1981 ⁴	4,458	4,458	297.00	1,323,513	256	1988 ⁴	6,034	6,032	266.00	1,607,098	363
1982 ⁴	6,555	5,865	232.00	1,358,872	292	1989 ⁴	5,931	5,930	314.00	1,862,888	430
1983 ⁴	5,521	5,376	199.00	1,067,245	396	1990 ⁴	5,660	5,660	295.00	1,670,468	393
						1991 ⁴ ⁵	5,556	5,555	312.00	1,731,731	345

¹ Numbers rounded. ² Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ³ Dried basis; 1 ton of raisins equivalent to about 4-5 tons of fresh grapes. Excludes table varieties dried.

⁴ Difference between total and utilized production reflects loss of California raisins laid but not harvested due to severe weather damage: 1978-56,300 tons (248,000 tons fresh equivalent); and total U.S. grape loss; 1977-1,550 tons fresh equivalent; 1978-248,900 tons fresh equivalent; 1979-300 tons fresh equivalent; 1980-300 tons fresh equivalent; 1981-600 tons fresh equivalent; 1982-690,200 tons fresh equivalent; 1983-145,500 tons fresh equivalent; 1984-25,100 tons fresh equivalent; 1985-100 tons fresh equivalent; 1986-600 tons fresh equivalent; 1987-13,500 tons fresh equivalent; 1988-1,600 tons fresh equivalent; 1989-800 tons fresh equivalent. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 292.—Grapes: Production and marketing year average price per ton, by States, 1989-91

State	Total production			Utilized production			Price ² for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
AZ	26,500	26,000	25,000	26,500	26,000	25,000	674.00	870.00	787.00
AR	6,500	5,100	11,000	5,900	5,000	10,700	319.00	327.00	313.00
CA:									
All varieties	5,390,000	5,185,000	4,980,000	5,390,000	5,185,000	4,980,000	314.00	291.00	313.00
Wine varieties	2,190,000	2,195,000	2,195,000	2,190,000	2,195,000	2,195,000	340.00	308.00	344.00
Table varieties	630,000	645,000	620,000	630,000	645,000	620,000	449.00	429.00	438.00
Raisin varieties ³	2,570,000	2,345,000	2,165,000	2,570,000	2,345,000	2,165,000	258.00	237.00	245.00
GA	2,800	2,900	3,200	2,700	2,900	3,000	781.00	777.00	811.00
MI	43,000	46,000	46,000	43,000	46,000	46,000	265.00	291.00	281.00
MO	3,600	1,300	3,100	3,600	1,300	3,100	359.00	378.00	356.00
NY	152,000	144,000	192,000	152,000	144,000	192,000	277.00	286.00	254.00
NC	1,700	1,500	2,200	1,700	1,500	2,200	406.00	533.00	611.00
OH	8,000	7,700	9,100	8,000	7,700	9,100	266.00	304.00	275.00
OR ⁴	7,450	7,000	9,600	7,450	7,000	9,600	740.00	780.00	840.00
PA	60,000	53,000	78,000	60,000	53,000	78,000	274.00	285.00	229.00
SC	300	400	700	200	380	570	810.00	803.00	530.00
WA	229,000	180,000	196,000	229,000	180,000	196,000	302.00	316.00	279.00
US	5,930,850	5,659,900	5,555,900	5,930,050	5,659,780	5,555,270	314.00	295.00	312.00

¹ Preliminary. ² Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ³ Fresh equivalent of dried and not dried.

National Agricultural Statistics Service.

Table 293.—Grapes: Production and utilization, United States, 1977-91

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice, etc. ²
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1977 ³	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350
1978 ³	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100
1979 ³	4,989,000	4,988,700	524,100	60,000	1,380,900	2,713,100	310,600
1980 ³	5,595,200	5,594,900	569,090	63,000	1,620,000	2,996,300	346,510
1981 ³	4,458,200	4,457,600	526,490	42,000	1,032,000	2,521,550	335,560
1982 ³	6,555,100	5,864,900	706,380	35,000	1,547,500	3,227,300	348,720
1983 ³	5,521,200	5,375,700	671,290	35,000	1,785,000	2,423,100	461,310
1984 ³	5,208,400	5,183,300	676,890	30,000	1,392,500	2,694,650	389,260
1985 ³	5,616,200	5,616,100	781,390	45,000	1,565,700	2,921,010	303,000
1986 ³	5,227,900	5,227,300	779,420	40,000	1,188,500	2,909,020	310,360
1987 ³	5,266,950	5,253,450	716,220	40,000	1,439,000	2,647,010	411,220
1988 ³	6,033,700	6,032,100	831,320	40,000	1,827,000	2,982,110	351,670
1989 ³	5,930,850	5,930,050	787,230	40,000	1,864,000	2,850,050	388,770
1990 ³	5,659,900	5,659,780	848,980	40,000	1,747,100	2,697,980	325,720
1991 ^{3,4}	5,555,900	5,555,270	800,400	41,000	1,582,500	2,717,820	413,550

¹ Includes "Home use." ² Mostly juice, but includes some quantities used for jam, jelly, etc. ³ Difference between total and utilized production reflects loss of California raisins laid but not harvested due to severe weather damage: 1978—56,300 tons (248,000 tons fresh equivalent); and total U.S. grape loss: 1977—1,550 tons fresh equivalent; 1978—248,900 tons fresh equivalent; 1979—300 tons fresh equivalent; 1980—300 tons fresh equivalent; 1981—600 tons fresh equivalent; 1982—690,200 tons fresh equivalent; 1983—145,500 tons fresh equivalent; 1984—25,100 tons fresh equivalent; 1985—100 tons fresh equivalent; 1986—600 tons fresh equivalent; 1987—13,500 tons fresh equivalent; 1988—1,600 tons fresh equivalent; 1989—800 tons fresh equivalent. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 294.—Grapes: Production and utilization, by States, crop of 1991 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried ²	Crushed for—	
	Tons	Tons	Tons	Tons	Tons	Wine	Juice, etc. ³
AZ	25,000	25,000	16,800		7,500		
AR	11,000	10,700	2,500			1,500	6,700
CA:							
All varieties	4,980,000	4,980,000	773,000		1,575,000	2,591,000	
Wine varieties	2,195,000	2,195,000	45,000			2,150,000	
Table varieties	620,000	620,000	450,000		13,000	157,000	
Raisin varieties	2,165,000	2,165,000	278,000	41,000	1,562,000	284,000	
GA	3,200	3,000	1,600			1,400	
MI	46,000	46,000	600			2,400	43,000
MO	3,100	3,100	200			1,850	
NY	192,000	192,000	3,000			71,000	118,000
OH	9,100	9,100	200			900	8,000
OR	9,600	9,600				9,600	
PA	78,000	78,000	1,000			10,000	67,000
WA	196,000	196,000	200			26,000	169,800
Other States ⁴	2,900	2,770	1,300			2,170	1,050
US	5,555,900	5,555,270	800,400	41,000	1,582,500	2,717,820	413,550

¹ Includes "Home use." ² Equivalent raisins produced (dried basis): 430,000 tons. ³ Mostly juice, but includes some quantities used for jam, jelly, etc. ⁴ North Carolina and South Carolina.

National Agricultural Statistics Service.

Table 295.—Raisins and currants: United States exports by country of destination, 1988/89–1990/91

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1988/ 89	1989/ 90	1990/ 91		1988/ 89	1989/ 90	1990/ 91
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Belgium and Luxembourg.....	2,095	2,057	4,357	Bahamas.....	63	65	15
Denmark.....	5,490	5,580	6,853	Bermuda.....	46	74	24
Finland.....	2,868	2,150	4,091	Dominican Republic.....	222	194	77
France.....	438	725	576	Haiti.....	1	1	4
Germany, Fed. Rep. of.....	8,371	11,268	16,147	Jamaica.....	84	74	104
Iceland.....	158	97	125	Netherlands Antilles.....	42	50	68
Ireland.....	270	353	402	Trinidad and Tobago.....	54	97	142
Netherlands.....	3,261	4,282	5,892	Other countries.....	7	4	
Norway.....	2,488	3,148	3,133	Total.....	519	559	465
Spain.....	543	628	777				
Sweden.....	5,728	6,099	9,131	Other countries:			
Switzerland.....	428	422	294	Australia.....	48	83	227
United Kingdom.....	21,256	21,899	30,356	Canada.....	4,836	8,221	10,880
Other countries.....	69	283	404	Hong Kong.....	833	752	1,395
Total.....	53,463	59,060	82,716	Indonesia.....	109	9	28
				Israel.....	464	365	669
Latin America:				Japan.....	21,422	19,316	24,096
Brazil.....	184	170	168	Korea, Rep. of.....	3,530	4,428	3,636
Colombia.....	107	76	38	Malaysia.....	1,097	1,217	1,418
Costa Rica.....	19	12	29	New Zealand.....	906	888	1,869
Ecuador.....	2	0	23	Philippines.....	277	373	543
El Salvador.....	3	47	17	Saudi Arabia.....	918	1,258	842
Guatemala.....	27	25	15	Singapore.....	1,228	1,809	1,800
Honduras.....	15	17	58	Taiwan.....	3,497	2,736	2,606
Mexico.....	304	1,236	475	Thailand.....	99	19	119
Panama.....	397	468	488	Other countries.....	286	416	235
Venezuela.....	439	181	950	Total.....	39,550	41,890	50,363
Other countries.....	55	4	62				
Total.....	1,552	2,236	2,308	Grand total.....	95,084	103,745	135,852

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 296.—Grapes and raisins: Foreign trade, United States 1977–90

Year beginning October	Grapes		Raisin ¹		Year beginning October	Grapes		Raisin ¹	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	28,094	102,154	998	56,870	1984.....	194,068	88,135	675	65,728
1978.....	43,245	124,654	16,392	21,812	1985.....	202,592	102,859	4,451	82,093
1979.....	44,571	93,253	321	77,823	1986.....	247,846	114,060	6,954	92,916
1980.....	57,451	135,945	2	68,907	1987.....	307,459	116,720	9,508	104,215
1981.....	95,019	97,654	617	56,734	1988.....	280,902	136,246	11,443	102,894
1982.....	127,711	129,340	5,298	58,010	1989.....	368,236	173,706	10,414	114,727
1983.....	145,649	111,165	2,737	56,495	1990.....	337,741	190,427	11,810	148,180

¹ Raisins converted to sweatbox or production basis by multiplying by 1.08.

Economic Research Service. Commodity Economic Division.

Table 297.—Nectarines: Production, utilization, and value, California, 1977-91

Crop of—	Production	Utilization		Marketing year average price per ton ²	Value
		Fresh ¹	Processed (fresh basis)		
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	155,000	155,000	3,300	205.00	31,775
1978	148,000	144,700	1,000	307.00	45,436
1979	172,000	171,000	500	197.00	33,884
1980	191,000	190,500	500	231.00	44,045
1981	182,000	181,500	500	229.00	41,610
1982	178,000	175,900	2,100	249.00	44,254
1983	185,000	183,800	1,200	299.00	55,375
1984	188,000	182,800	200	316.00	57,779
1985	210,000	208,000	2,000	327.00	68,723
1986	172,000	170,000	2,000	440.00	75,720
1987	191,000	190,500	500	343.00	65,545
1988	200,000	199,000	1,000	394.00	78,861
1989	220,000	219,000	1,000	398.00	87,645
1990	232,000	229,500	2,500	474.00	109,999
1991 ³	215,000	211,000	4,000	402.00	86,457

¹ Includes "Home use." ² Processing fruit prices are equivalent returns at processing plant door. ³ Preliminary.

National Agricultural Statistics Service.

Table 298.—Olives: Production, value, and utilization, California, 1977-91

Year	Production	Marketing year average price per ton	Value	Utilization		
				Crushed for oil	Canned	Other
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1977	43,000	403.00	17,329	2,300	32,300	8,400
1978	126,000	303.00	38,178	7,300	99,100	19,600
1979	62,000	408.00	25,296	1,600	52,300	8,100
1980	109,000	368.00	40,137	3,500	76,800	28,700
1981	44,900	695.00	31,222	2,000	37,900	5,000
1982	146,500	501.00	73,459	4,600	98,000	43,400
1983	61,000	519.00	31,641	4,100	48,000	8,500
1984	90,600	550.00	49,810	2,900	76,700	10,600
1985	96,000	559.00	53,634	5,800	76,100	13,600
1986	111,500	587.00	65,407	6,000	85,000	20,000
1987	67,500	608.00	41,053	3,000	55,000	9,000
1988	87,500	518.00	45,316	3,000	70,000	14,000
1989	123,000	467.00	57,458	5,500	94,000	23,000
1990	131,500	423.00	55,663	5,000	88,000	38,000
1991 ¹	65,000	562.00	36,499	1,800	53,700	9,000

¹ Preliminary.

National Agricultural Statistics Service.

Table 299.—Olives and olive oil: Foreign trade, United States, 1977-90

Year beginning October	Imports				Year beginning October	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds		1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds
1977.....	17,809	1,063	59,456	142	1984 ²	59,259	535	(¹)	(¹)
1978.....	13,293	1,190	61,977	143	1985 ²	63,592	662	(¹)	(¹)
1979.....	14,507	1,294	(¹)	(¹)	1986 ²	75,167	701	(¹)	(¹)
1980.....	15,322	1,490	(¹)	(¹)	1987 ²	72,160	696		
1981.....	16,913	1,437	(¹)	(¹)	1988 ²	61,748	413		
1982.....	17,568	1,312	(¹)	(¹)	1989 ²	64,467	409		
1983 ²	56,611	513	(¹)	(¹)	1990 ²	60,835	53		

¹ Not available. ² Beginning 1983, olives in metric tons.
Economic Research Service, Commodity Economic Division.

Table 300.—Peaches: Production and value, United States, 1977-91

Year	Total production	Utilized production	Market- ing year average price ¹	Value	Year	Total production	Utilized production	Market- ing year average price ¹	Value
	Million pounds	Million pounds	Cents per pound	1,000 dollars		Million pounds	Million pounds	Cents per pound	1,000 dollars
1977.....	2,955.4	2,825.7	9.8	277,789	1984.....	2,660.3	2,468.9	12.6	311,177
1978.....	2,652.7	2,515.7	12.0	301,143	1985.....	2,148.1	2,047.2	14.4	293,784
1979.....	2,938.7	2,834.2	11.6	329,536	1986.....	2,306.6	2,218.1	14.0	310,805
1980.....	3,068.6	2,954.1	12.4	367,170	1987.....	2,381.5	2,238.9	13.8	308,970
1981.....	2,770.6	2,639.8	13.3	351,610	1988.....	2,514.1	2,448.6	15.6	382,182
1982.....	2,285.6	2,101.9	14.0	293,300	1989.....	2,355.8	2,229.8	16.4	364,867
1983.....	1,855.3	1,753.8	14.4	252,969	1990.....	2,233.2	2,139.6	17.4	371,626
					1991 ²	2,672.3	2,491.8	15.8	392,682

¹ Fresh fruit prices are equivalent packinghouse-door returns for California and Washington except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ² Preliminary.

National Agricultural Statistics Service.

Table 301.—Peaches: Foreign trade, United States, 1977-90

Year beginning October	Domestic exports				
	Fresh	Canned	Canned, in fruit salad ²	Dried, in fruit salad ^{1,3}	Total, in terms of fresh ⁴
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1977.....	29,511	82,253	17,254	390	131,185
1978.....	30,017	55,590	17,039	294	104,279
1979.....	28,045	59,167	21,863	503	111,869
1980.....	35,751	59,340	21,826	565	120,056
1981.....	30,840	36,216	16,653	415	86,015
1982.....	25,481	33,170	13,813	359	74,458
1983.....	23,218	12,256	8,407	464	46,459
1984.....	20,939	11,665	7,558	414	42,462
1985.....	25,288	15,457	7,210	460	50,511
1986.....	26,274	14,483	7,894	388	50,807
1987.....	38,906	19,831	9,475	287	69,806
1988.....	44,727	17,689	8,428	624	74,311
1989.....	57,508	13,951	9,083	646	84,728
1990.....	68,384	18,376	11,227	718	102,640

¹ Net processed weight. ² Canned peaches are 40 percent of total canned fruit for salad. ³ Dried peaches are 21 percent of total dried fruit for salad. ⁴ Dried fruit converted to unprocessed dry weight by dividing by 1.08. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh.

Economic Research Service, Commodity Economic Division.

Table 302.—Peaches: Production and season average price per pound, 1989-91

State	Total production			Utilized production			Price ² for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Dollars	Dollars	Dollars
AL.....	15.0	12.0	16.0	14.0	12.0	16.0	0.246	.298	.213
AR.....	2.5	18.0	12.0	2.5	18.0	12.0	.241	.246	.250
CA:									
Freestone.....	549.0	600.0	610.0	549.0	600.0	610.0	.154	.170	.132
CO.....	(*)	17.0	2.0	(*)	16.0	1.7	(*)	.356	.380
CT.....	4.0	3.6	3.4	3.8	3.5	3.2	.500	.470	.510
DE.....	.4	2	3.0	.4	2	3.0	.338	.415	.285
GA.....	125.0	130.0	150.0	115.0	123.0	140.0	.202	.299	.241
ID.....	4.0	4.7	(*)	3.9	4.1	(*)	.384	.217	(*)
IL.....	13.0	.3	19.5	12.5	.3	19.5	.270	.343	.330
IN.....	4.0	.8	4.6	4.0	.8	4.6	.322	.341	.396
KS.....	2.5	.1	5.0	2.2	.1	4.2	.270	.230	.370
KY.....	2.0	(*)	4.0	2.0	(*)	3.7	.376	(*)	.350
LA.....	1.4	4.0	5.0	1.0	3.7	4.5	.360	.340	.360
MD.....	7.6	4.0	15.0	7.6	4.0	15.0	.280	.327	.242
MA.....	2.1	2.0	2.0	2.1	1.9	1.7	.500	.470	.510
MI.....	55.0	45.0	40.0	55.0	45.0	40.0	.191	.210	.174
MS.....	1.0	(*)	(*)	1.0	(*)	(*)	.400	(*)	(*)
MO.....	4.5	.7	11.0	4.5	.7	11.0	.270	.300	.230
NJ.....	70.0	45.0	115.0	65.0	37.5	108.0	.346	.409	.253
NY.....	12.5	14.0	15.0	12.3	13.7	13.5	.294	.276	.274
NC.....	12.0	10.0	35.0	12.0	10.0	34.0	.175	.270	.176
OH.....	8.0	5.5	5.8	8.0	5.5	5.8	.340	.380	.400
OK.....	25.0	8.0	31.0	24.3	7.7	26.3	.275	.363	.305
OR.....	14.0	14.5	13.0	12.5	14.5	13.0	.247	.299	.356
PA.....	65.0	76.0	100.0	65.0	76.0	90.0	.258	.289	.201
SC.....	270.0	110.0	310.0	235.0	95.0	240.0	.200	.243	.177
TN.....	1.3	1.3	6.5	1.2	1.1	5.8	.369	.370	.300
TX.....	14.0	24.0	32.0	12.5	20.5	25.8	.400	.350	.340
UT.....	11.0	12.0	2.5	10.5	11.5	2.5	.215	.240	.340
VA.....	15.0	2.5	26.0	14.0	2.3	24.0	.213	.315	.191
WA.....	44.0	53.0	30.0	44.0	53.0	30.0	.255	.255	.212
WV.....	9.0	3.0	18.0	9.0	3.0	13.0	.256	.268	.143
Total above.....	1,363.8	1,221.2	1,642.3	1,305.8	1,184.6	1,521.8	.204	.227	.189
CA:									
Clingstone ³	992.0	1,012.0	1,030.0	924.0	955.0	970.0	.107	.107	.109
US.....	2,355.8	2,233.2	2,672.3	2,229.8	2,139.6	2,491.8	.164	.174	.158

¹ Preliminary. ² Fresh fruit prices are equivalent packinghouse-door returns for California and Washington except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. ³ Mainly for canning. Total production includes harvested not sold and unharvested production as follows (million pounds): 70.0 in 1987, 74.0 in 1988, and 65.0 in 1989. ⁴ No significant commercial production due to frost. ⁵ Estimates discontinued after the 1989 crop.

National Agricultural Statistics Service.

Table 303.—Peaches and nectarines, fresh: Production in specified countries, 1989-91

Continent and country	1989	1990	1991 ¹	Continent and country	1989	1990	1991 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Africa:			
Canada.....	39.5	49.1	43.0	South Africa, Rep.....	139.2	145.6	152.8
Mexico.....	265.0	265.0	245.0	Total.....	139.2	145.6	152.8
United States.....	1,268.2	1,223.4	1,393.1				
Total.....	1,572.7	1,537.5	1,686.1	Asia:			
South America:				Japan.....	180.2	189.8	193.3
Argentina.....	260.0	250.0	200.0	Total.....	180.2	189.8	193.3
Chile.....	162.4	181.0	180.0				
Total.....	422.4	431.0	380.0	Oceania:			
Europe:				Australia.....	63.4	68.0	72.0
France.....	546.0	487.6	419.1	New Zealand.....	24.6	26.6	25.6
Greece.....	641.0	760.0	800.0	Total.....	88.0	94.6	97.6
Italy.....	1,682.0	1,767.0	1,630.0				
Spain.....	765.9	585.4	711.9	Total specified countries.....	6,128.6	6,063.5	6,150.8
Yugoslavia.....	91.2	66.0	80.0				
Total.....	3,726.1	3,665.0	3,641.0				

Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 304.—Peaches: Production and utilization, United States, 1977-91

Crop of—	Total production ¹	Utilized production	Utilization of quantities sold				
			Fresh ²	Processed (fresh basis)			
				Canned	Dried	Frozen	Other ³
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1977.....	2,955.4	2,825.7	1,144.0	1,504.7	42.0	109.8	25.2
1978.....	2,652.7	2,515.7	1,135.8	1,230.8	35.0	69.8	44.3
1979.....	2,938.7	2,834.2	1,250.5	1,427.6	33.0	93.5	29.6
1980.....	3,068.6	2,954.1	1,324.1	1,498.3	34.0	77.1	20.6
1981.....	2,770.6	2,639.8	1,331.0	1,173.7	34.8	78.3	22.0
1982.....	2,285.6	2,101.9	976.9	983.9	45.0	70.5	25.6
1983.....	1,855.3	1,753.8	967.1	675.4	36.0	64.3	11.0
1984.....	2,660.3	2,468.9	1,287.8	1,028.6	28.0	89.0	35.5
1985.....	2,148.1	2,047.2	925.6	982.6	32.5	93.3	13.2
1986.....	2,306.6	2,218.1	1,091.0	926.9	32.5	136.3	31.4
1987.....	2,381.5	2,238.9	1,113.5	877.1	35.0	145.1	68.2
1988.....	2,614.1	2,448.6	1,223.4	986.0	41.2	131.9	66.1
1989.....	2,355.8	2,229.8	1,059.6	918.4	28.6	143.9	79.3
1990.....	2,233.2	2,139.6	933.7	960.9	27.1	168.2	49.7
1991 ⁴	2,672.3	2,491.8	1,218.1	987.1	44.3	161.6	80.7

¹ Includes harvested not sold and unharvested production for California Clingstone peaches (tons): 1977—57,500; 1978—60,000; 1979—45,000; 1980—56,500; 1981—48,000; 1982—79,500; 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990—None. ² Includes "Home use." ³ Used for jams, preserves, brandy, etc. Includes small quantities frozen for some years. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 305.—Peaches: Production and utilization, by States, crop of 1991 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh ¹	Processed (fresh basis)			
				Canned	Dried	Frozen	Other ²
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
CA, all ³	1,640	1,580					
Clingstone ³	1,030	970		900			
Freestone.....	610	610	385	37.4	44.3	143.3	
GA.....	150	140					
NJ.....	115	108	108				
PA.....	100	90	82.9				
SC.....	310	240	200				
WA.....	30	30					
Other States ⁴	327.3	303.8	442.2	124.5		18.3	80.7
US.....	2,672.3	2,491.8	1,218.1	987.1	44.3	161.6	80.7

¹ Includes "Home use." ² Used for jams, preserves, brandy, etc. ³ Difference between total and utilized production is harvested not sold and unharvested production. ⁴ Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

National Agricultural Statistics Service.

Table 306.—Peaches, canned: United States exports by country of destination, 1989/90-1991/92

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1989/90	1990/91	1991/92		1989/90	1990/91	1991/92
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Belgium and Luxembourg..	1	0	143	Bahamas.....	47	41	25
Denmark.....	1	0	0	Bermuda.....	24	14	22
Finland.....	17	87	56	Dominican Republic.....	27	17	3
Germany, Fed. Rep. of.....	0	110	26	Netherlands Antilles.....	19	44	135
Greece.....	245	1,436	0	Other countries.....	42	3	0
Netherlands.....	66	74	24	Total.....	159	119	185
Norway.....	21	34	40				
Sweden.....	12	16	17	Other countries:			
Switzerland.....	1	60	0	Canada.....	1,183	1,857	2,427
United Kingdom.....	33	0	84	Hong Kong.....	379	1,347	1,812
Other countries.....	30	4	7	Taiwan.....	1,569	2,654	2,702
Total.....	427	1,821	397	Japan.....	5,850	7,420	7,593
				Kuwait.....	227	14	106
Latin America:				Saudi Arabia.....	249	267	266
Colombia.....	29	73	267	Singapore.....	941	597	640
Panama.....	385	358	410	Other countries.....	2,712	1,554	2,592
Other countries.....	248	566	652	Total.....	13,136	15,714	18,138
Total.....	662	997	1,329	Grand total.....	14,358	18,647	20,054

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 307.—Pears: Production and value, United States 1977-91

Year	Total production	Utilized production	Marketing year average price ¹	Value	Year	Total production	Utilized production	Marketing year average price ¹	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
1977.....	781,600	779,500	146.00	113,520	1985.....	774,550	744,400	269.00	200,431
1978.....	723,250	723,250	219.00	158,724	1986.....	767,150	761,150	267.00	203,113
1979.....	854,700	854,200	204.00	174,295	1987.....	938,450	936,100	198.00	185,377
1980.....	897,350	896,350	196.00	175,832	1988.....	860,850	860,400	274.00	235,423
1981.....	897,000	893,950	187.00	167,321	1989.....	916,800	916,450	277.00	253,602
1982.....	801,950	800,730	183.00	146,629	1990.....	963,800	963,650	280.00	269,541
1983.....	773,550	773,350	170.00	131,232	1991 ²	904,500	904,350	303.00	274,306
1984.....	708,250	695,950	229.00	159,329					

¹ Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.² Preliminary.

National Agricultural Statistics Service.

Table 308.—Pears: Production and season average price per ton, by States, 1989-91

Variety and State	Total production			Utilized production			Price ² for crop—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
CA, all	315,000	332,000	317,000	315,000	332,000	317,000	271.00	251.00	263.00
Bartlett	298,000	314,000	300,000	298,000	314,000	300,000	265.00	242.00	252.00
Other	17,000	18,000	17,000	17,000	18,000	17,000	365.00	410.00	458.00
CO.....	4,000	2,500	3,100	4,000	2,500	3,100	337.00	336.00	298.00
CT.....	1,200	1,100	1,200	1,150	1,050	1,200	520.00	550.00	600.00
MI.....	8,000	2,500	5,000	8,000	2,500	5,000	256.00	267.00	273.00
NY.....	16,500	14,600	14,500	16,300	14,600	14,500	223.00	253.00	275.00
OR, all	215,000	233,000	220,000	215,000	233,000	220,000	245.00	266.00	301.00
Bartlett	67,000	83,000	70,000	67,000	83,000	70,000	263.00	244.00	272.00
Other	148,000	150,000	150,000	148,000	150,000	150,000	237.00	279.00	314.00
PA.....	5,500	3,300	5,500	5,400	3,200	5,350	394.00	358.00	418.00
UT.....	2,600	2,800	2,200	2,600	2,800	2,200	340.00	380.00	440.00
WA, all	349,000	372,000	336,000	349,000	372,000	336,000	301.00	312.00	341.00
Bartlett	157,000	177,000	160,000	157,000	177,000	160,000	258.00	248.00	270.00
Other	192,000	195,000	176,000	192,000	195,000	176,000	336.00	371.00	405.00
US.....	916,800	963,800	904,500	916,450	963,650	904,350	277.00	280.00	303.00

¹ Preliminary. ² Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

National Agricultural Statistics Service.

Table 309.—Pears, fresh (dessert and cooking): Production in specified countries, 1989/90-1991/92 ¹

Continent and country	1989/ 90	1990/ 91	1991/ 92 ²	Continent and country	1989/ 90	1990/ 91	1991/ 92 ²
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Other Europe—Con.			
Canada ³	21.3	16.4	15.0	Sweden.....	10.8	10.9	8.4
Mexico.....	44.9	43.7	27.0	Switzerland.....	79.5	63.9	59.8
United States ³	831.7	874.3	824.2	Turkey.....	430.0	413.0	430.0
Total	897.9	934.4	866.2	Yugoslavia	177.0	164.0	170.0
South America:				Total	748.2	698.3	710.5
Argentina.....	290.0	275.0	300.0	Total Europe.....	3,218.6	3,163	2,633.3
Chile.....	139.0	163.0	166.0	Africa:			
Total	429.0	438.0	466.0	South Africa, Rep.....	203.0	204.3	217.1
European Community:				Total	203.0	204.3	217.1
Belgium and Luxembourg....	87.2	62.2	61.3	Asia:			
Denmark.....	5.5	6.9	5.7	Japan	447.9	443.0	420.0
France.....	326.9	325.0	195.0	Total	447.9	443.0	420.0
Germany, (FRG & GDA).....	430.7	379.6	209.9	Oceania:			
Greece.....	95.0	86.7	60.0	Australia.....	171.0	157.0	162.0
Italy.....	820.0	1,032.7	850.0	New Zealand	12.6	15.1	16.0
Netherlands.....	113.0	90.0	96.0	Total	183.6	172.1	178.0
Spain.....	548.2	444.9	406.2	Total specified countries.....	5,380.0	5,354.8	4,780.6
United Kingdom.....	43.6	36.7	38.7				
Total EC	2,470.4	2,464.7	1,922.8				
Other Europe:							
Austria.....	46.7	41.0	38.3				
Norway.....	4.2	5.5	4.0				

¹ May include some cider varieties in countries not reporting separately. ² Preliminary. ³ Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 310.—Pears: Foreign trade, United States, 1977-90

Year beginning October	Imports for consumption, fresh	Domestic exports				
		Fresh ¹	Canned	Dried, in fruit salad ^{1 2}	Canned, in fruit salad ³	Total, in terms of fresh fruit ⁴
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977	5,775	35,744	4,320	310	15,097	57,117
1978	6,828	39,085	3,009	234	14,908	58,479
1979	8,054	39,370	2,625	399	19,130	63,643
1980	9,425	49,246	3,003	448	19,098	74,174
1981	9,327	49,512	2,689	329	14,572	68,849
1982	9,896	34,698	2,026	285	12,086	50,611
1983	13,188	35,066	1,108	368	7,356	45,851
1984	18,604	25,914	1,075	329	6,614	35,679
1985	25,663	30,516	1,024	365	6,308	40,151
1986	31,733	36,932	1,003	308	6,907	46,786
1987	32,499	44,882	1,140	228	8,291	55,752
1988	39,948	64,653	1,192	495	9,060	78,029
1989	41,292	93,715	2,155	513	7,948	107,153
1990	45,585	99,392	3,623	570	9,824	116,544

¹ Net processed weight. ² Dried pears are 16% percent of total dried fruit for salad. ³ Canned pears are 35 percent of total canned fruit for salad. ⁴ Dried converted to unprocessed dry weight by dividing by 1.03. Unprocessed dry weight converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. Canned converted to terms of fresh on basis that 1 pound of canned equals about 1 pound fresh.

Economic Research Service. Commodity Economic Division.

Table 311.—Pears: Production and utilization, United States, 1977-91

Crop of—	Total production	Utilized production	Utilization of quantities sold		
			Fresh ¹	Processed (fresh basis)	
				Canned ²	Dried
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1977	781,600	779,500	298,200	(³)	(³)
1978	723,250	723,250	297,070	(³)	(³)
1979	854,700	854,200	300,100	(³)	(³)
1980	897,350	896,350	345,060	(³)	(³)
1981	897,000	893,950	377,950	(³)	(³)
1982	801,950	800,730	366,130	(³)	(³)
1983	773,550	773,350	382,790	(³)	(³)
1984	708,250	695,950	322,750	(³)	(³)
1985	744,550	744,400	347,100	(³)	(³)
1986	767,150	761,150	376,220	(³)	(³)
1987	938,450	936,100	454,850	(³)	(³)
1988	860,850	860,400	427,140	(³)	(³)
1989	916,800	916,450	454,220	(³)	(³)
1990	963,800	963,650	467,260	(³)	(³)
1991 ⁴	904,500	904,350	463,500	(³)	(³)

¹ Includes "Home use." ² For some States includes some dried or otherwise processed. ³ Not published to avoid disclosure of individual operation. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 312.—Pears: Production and utilization, by States, crop of 1991 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh ¹	Processed ²
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
CA, all	317,000	317,000	(³)	(³)
Bartlett.....	300,000	300,000	72,000	228,000
Other	17,000	17,000	(³)	(³)
CO	3,100	3,100	(³)	(³)
CT	1,200	1,200	1,200	(³)
MI	5,000	5,000	(³)	(³)
NY	14,500	14,500	(³)	(³)
OR, all	220,000	220,000	(³)	(³)
Bartlett.....	70,000	70,000	22,000	48,000
Other	150,000	150,000	(³)	(³)
PA	5,500	5,350	(³)	(³)
UT	2,200	2,200	2,200	(³)
WA, all	336,000	336,000	(³)	(³)
Bartlett.....	160,000	160,000	44,500	115,500
Other	176,000	176,000	(³)	(³)
US	904,500	904,350	463,500	440,850

¹ Includes "Home use." ² Mostly canned, but includes small quantities dried, juiced, and other uses. ³ Data not published to avoid disclosure of individual operations, but included in U.S. totals.

National Agricultural Statistics Service.

Table 313.—Papayas: Area, yield, production, utilization, marketing year average price, and value, Hawaii, 1977–91

Year	Area harvested	Utilized production	Utilization		Price per pound	Value
			Fresh	Processed		
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1977.....	2,155	63,548	53,987	9,561	11.9	7,565
1978.....	2,190	64,000	54,624	9,376	13.0	8,304
1979.....	2,210	41,015	36,446	4,569	23.2	9,513
1980.....	1,950	48,916	45,360	3,556	20.4	9,964
1981.....	2,110	66,390	58,170	8,220	18.7	12,412
1982.....	2,170	52,750	44,770	7,980	21.8	11,484
1983.....	2,120	61,400	46,300	15,100	18.9	11,591
1984.....	2,590	80,500	67,000	13,500	11.4	9,196
1985.....	2,650	60,400	49,250	11,150	14.2	8,579
1986.....	2,355	61,000	50,100	10,900	18.2	11,123
1987.....	2,350	67,000	56,000	11,000	16.5	11,050
1988.....	2,300	69,000	57,000	12,000	17.9	12,354
1989.....	2,500	74,000	64,000	10,000	19.4	14,380
1990.....	2,400	68,500	58,000	10,500	21.6	14,805
1991 ¹	2,025	55,350	48,150	7,200	29.3	16,228

¹ Preliminary.

National Agricultural Statistics Service.

Table 314.—Pomegranates: Production, marketing year average price, and value, California, 1975–89

Year	Total produc- tion	Utilized produc- tion	Price per ton	Value	Year	Total produc- tion	Utilized produc- tion	Price per ton	Value
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1975	8,600	8,600	142.00	1,230	1983	20,000	18,900	272.00	5,147
1976	9,000	9,000	210.00	1,890	1984	20,000	19,000	106.00	2,010
1977	10,000	10,000	143.00	1,430	1985	19,400	17,400	318.00	5,529
1978	9,500	9,500	233.00	2,214	1986	22,000	19,400	395.00	7,666
1979	13,000	11,000	324.00	3,564	1987	18,500	16,500	340.00	5,617
1980	17,000	16,000	259.00	4,144	1988	20,000	18,000	359.00	6,454
1981	16,500	14,800	278.00	4,114	1989 ¹	19,000	18,000	273.00	4,906
1982	16,000	14,400	263.00	3,787					

¹ Discontinued after 1989.

National Agricultural Statistics Service.

Table 315.—Plums; California: Production, value, and utilization, 1977–91

Season	Total production	Utilized production	Marketing year average price per ton ¹	Value	Utilization of quantities sold	
					Fresh ²	Processed
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons
1977.....	157,000	157,000	313.00	49,141	156,000	1,000
1978.....	154,000	154,000	370.00	56,980	151,000	3,000
1979.....	175,000	175,000	277.00	48,475	173,000	2,000
1980.....	160,000	160,000	449.00	71,810	157,400	2,600
1981.....	197,500	197,500	309.00	61,062	194,300	3,200
1982.....	118,000	118,000	620.00	73,139	116,600	1,400
1983.....	158,500	158,500	435.00	69,020	155,700	2,800
1984.....	225,000	225,000	212.00	47,796	221,000	4,000
1985.....	166,500	166,500	514.00	85,512	(³)	(³)
1986.....	152,000	152,000	657.00	99,857	(³)	(³)
1987.....	245,000	245,000	308.00	75,361	(³)	(³)
1988.....	216,000	216,000	475.00	102,661	(³)	(³)
1989.....	216,000	216,000	445.00	96,146	(³)	(³)
1990.....	223,000	223,000	603.00	134,412	(³)	(³)
1991 ⁴	218,000	218,000	449.00	97,894	(³)	(³)

¹ Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door. ² Includes "Home use." ³ Missing data not published to avoid disclosure of individual operations, but included in total. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 316.—Prunes and plums: ¹ Production, value, and utilization, 4 States, 1977–91

Year	Total- production	Utilized production	Market- ing year average price per ton	Value	Utilization of quantities sold			
					Fresh ²	Processed (fresh basis)		
						Dried and other	Canned	Frozen
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons
1977.....	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978.....	69,800	69,200	156.00	10,797	40,950	9,050	16,100	3,100
1979.....	59,200	59,200	209.00	12,382	34,100	11,400	11,800	1,900
1980.....	76,600	76,600	179.00	13,741	40,500	6,400	18,500	2,200
1981.....	65,100	62,600	156.00	9,754	32,900	11,300	16,900	1,500
1982.....	51,500	47,500	264.00	12,552	26,550	11,300	8,250	1,400
1983.....	51,200	49,200	199.00	9,783	30,000	8,670	9,430	1,100
1984.....	52,000	51,000	208.00	10,632	28,200	10,800	11,400	600
1985.....	51,700	48,100	230.00	11,047	21,700	10,700	14,400	1,300
1986.....	48,100	44,100	260.00	11,448	20,400	9,200	13,200	1,300
1987.....	49,500	45,200	139.00	6,273	21,600	10,500	11,900	1,200
1988.....	52,000	48,100	183.00	8,805	24,000	9,400	13,400	1,300
1989.....	47,000	43,850	207.00	9,079	22,750	6,950	12,950	1,200
1990.....	47,800	43,200	195.00	8,444	24,300	8,400	9,600	900
1991 ³	25,100	24,800	286.00	7,084	13,990	3,010	6,850	950

¹ Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States. ² Includes "Home use." ³ Preliminary.

National Agricultural Statistics Service.

Table 317.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1989–91

State	Total production			Utilized production			Price ² for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
ID.....	6,500	6,800	3,000	6,350	6,200	3,000	422.00	275.00	383.00
MI.....	13,000	6,000	9,000	13,000	6,000	9,000	175.00	296.00	310.00
OR.....	14,000	21,000	4,000	11,000	17,000	3,700	176.00	155.00	228.00
WA.....	13,500	14,000	9,100	13,500	14,000	9,100	162.00	166.00	253.00
Total, 4 States.....	47,000	47,800	25,100	43,850	43,200	24,800	207.00	195.00	286.00

¹ Preliminary. ² Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

National Agricultural Statistics Service.

Table 318.—Prunes (dried basis), California: Production, price and value, 1977-91 ¹

Season	Production ²	Marketing year average price per ton ³	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	159,000	499.00	79,341
1978.....	132,000	696.00	91,872
1979.....	136,000	812.00	110,432
1980.....	168,000	683.00	114,744
1981.....	159,500	654.00	104,313
1982.....	126,000	679.00	85,554
1983.....	145,000	667.00	96,715
1984.....	148,000	693.00	102,564
1985.....	141,000	680.00	95,880
1986.....	99,000	819.00	81,081
1987.....	229,000	734.00	168,086
1988.....	151,000	782.00	118,082
1989.....	226,000	779.00	176,054
1990.....	147,000	873.00	128,331
1991 ⁴	187,000	954.00	178,398

¹ The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit. ² Production all utilized.³ Equivalent returns at the processing plant door. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 319.—Prunes and plums: ¹ Utilization and marketing year average price per ton, 1986-91

State and season	Quantity				Price ⁴			
	Fresh ²	Dried and other ³	Canned	Frozen	Fresh	Dried and other	Canned	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
ID:	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1986.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1987.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1988.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1989.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1990.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1991.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
MI:								
1986.....	5,500	(⁵)	5,000	(⁵)	370.00	(⁵)	115.00	(⁵)
1987.....	5,500	(⁵)	6,000	(⁵)	197.00	(⁵)	83.00	(⁵)
1988.....	5,000	(⁵)	(⁵)	(⁵)	269.00	(⁵)	(⁵)	(⁵)
1989.....	5,500	(⁵)	6,750	(⁵)	255.00	(⁵)	117.00	(⁵)
1990.....	4,000	(⁵)	(⁵)	(⁵)	323.00	(⁵)	(⁵)	(⁵)
1991.....	4,500	(⁵)	3,400	(⁵)	337.00	(⁵)	282.00	(⁵)
OR:								
1986.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1987.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1988.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1989.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1990.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
1991.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
WA:								
1986.....	7,400	(⁵)	(⁵)	(⁵)	437.00	(⁵)	(⁵)	(⁵)
1987.....	7,600	(⁵)	(⁵)	(⁵)	164.00	(⁵)	(⁵)	(⁵)
1988.....	10,500	(⁵)	1,200	(⁵)	228.00	(⁵)	80.00	(⁵)
1989.....	9,700	(⁵)	(⁵)	(⁵)	198.00	(⁵)	(⁵)	(⁵)
1990.....	9,200	(⁵)	(⁵)	(⁵)	228.00	(⁵)	(⁵)	(⁵)
1991.....	4,800	(⁵)	(⁵)	(⁵)	332.00	(⁵)	(⁵)	(⁵)
Total 4 States:								
1986.....	20,400	9,200	13,200	1,300	432.00	117.00	107.00	111.00
1987.....	21,600	10,500	11,900	1,200	173.00	106.00	107.00	135.00
1988.....	24,000	9,400	13,400	1,300	249.00	118.00	116.00	128.00
1989.....	22,750	6,950	12,950	1,200	289.00	121.00	117.00	133.00
1990.....	24,300	8,400	9,600	900	250.00	116.00	129.00	174.00
1991.....	13,990	3,010	6,850	950	335.00	125.00	257.00	282.00

¹ Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States. ² Includes "Home use." ³ Some quantities otherwise processed are included to avoid disclosure of individual operations. ⁴ Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level. ⁵ Not published to avoid disclosure of individual operations, but is included in total.

National Agricultural Statistics Service.

Table 320.—Prunes, dried: United States exports by country of destination, 1988/89–1990/91

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1988/89	1989/90	1990/91		1988/89	1989/90	1990/91
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Bermuda and Caribbean:			
Austria.....	446	435	303	Bermuda.....	3	18	0
Belgium and Luxembourg.....	582	667	2,619	Dominican Republic.....	98	103	57
Denmark.....	2,351	2,285	3,220	Haiti.....	0	0	3
Finland.....	2,368	2,249	4,160	Netherlands Antilles.....	47	77	85
France.....	2,296	5,932	1,031	Trinidad and Tobago.....	30	139	85
Germany, Fed. Rep. of.....	8,359	10,609	20,283	Other countries.....	68	11	0
Greece.....	368	258	420	Total.....	246	348	230
Ireland.....	50	51	39				
Italy.....	8,974	11,840	12,945	Other countries:			
Netherlands.....	1,025	2,051	7,856	Australia.....	495	839	1,194
Norway.....	1,574	1,392	1,662	Canada.....	3,905	4,691	5,441
Spain.....	2,159	2,239	3,231	Hong Kong.....	493	946	1,717
Sweden.....	2,242	3,392	4,341	Israel.....	771	502	403
Switzerland.....	735	694	324	Japan.....	9,727	10,891	14,258
United Kingdom.....	2,812	4,191	6,874	Malaysia.....	407	547	457
Other countries.....	421	123	516	New Zealand.....	463	361	525
Total.....	36,886	48,509	70,113	Singapore.....	647	546	1,000
				Taiwan.....	1,141	924	1,160
Latin America:				Other countries.....	622	852	1,118
Brazil.....	6	2	122	Total.....	18,671	21,099	27,273
Colombia.....	65	46	34				
Costa Rica.....	5	17	23	Grand total.....	57,943	72,634	100,466
Guatemala.....	14	22	14				
Mexico.....	1,632	2,363	1,860				
Panama.....	119	161	115				
Venezuela.....	259	35	500				
Other countries.....	40	32	182				
Total.....	2,140	2,678	2,850				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 321.—Prunes: Foreign trade, United States, 1977–90

Year beginning October	Imports				Domestic exports			
	Fresh prunes and plums	Other-wise pre- pared or pre- served	Dried prunes ¹	Total, in terms of fresh ²	Fresh prunes and plums	Dried prunes ¹	Dried, in fruit salad ^{1 3}	Total, in terms of fresh ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	1,479	771	263	2,855	23,400	52,648	799	162,157
1978.....	1,390	806	359	3,047	20,175	43,260	603	134,050
1979.....	835	803	267	2,251	21,236	43,983	1,030	138,097
1980.....	1,526	760	58	2,360	25,813	56,440	1,156	175,341
1981.....	1,657	784	86	2,586	21,562	59,061	849	177,098
1982.....	3,801	843	459	5,750	19,607	49,573	735	150,214
1983.....	6,060	1,106	636	8,705	25,897	52,731	949	165,259
1984.....	13,516	1,291	647	16,357	20,850	46,006	848	142,490
1985.....	15,170	859	1,369	19,496	23,680	50,832	942	158,093
1986.....	17,937	871	1,354	22,235	33,312	52,648	795	172,058
1987.....	16,943	457	444	18,507	39,862	59,299	588	195,338
1988.....	21,879	365	717	24,068	57,585	58,081	1,278	211,560
1989.....	22,746	622	413	24,377	73,208	74,746	1,322	270,692
1990.....	24,170	698	372	25,764	74,098	100,081	1,469	337,737

¹ Net processed weight. ² Exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh. "Otherwise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh. ³ Dried prunes in salad estimated at 43 percent of total dried fruit for salad.

Economic Research Service. Commodity Economic Division.

Table 322.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1989-91

Utilization, season, and State	Production			Value per unit		
	1989	1990	1991 ¹	1989	1990	1991 ¹
FOR FRESH MARKET ²						
Winter:	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
FL.....	1,378	1,166	1,320	66.90	64.60	64.30
Total.....	1,378	1,166	1,320	66.90	64.60	64.30
Spring:						
AR.....	9	6	8	56.00	62.00	53.00
CA.....	6,570	6,705	7,652	49.30	50.50	50.90
LA.....	40	59	55	58.00	68.00	56.00
MI.....	77	106	97	54.70	54.10	52.00
NJ.....	18	21	19	69.90	87.50	67.00
NY.....	134	170	190	87.50	83.00	75.90
NC.....	88	126	121	54.00	51.00	58.10
OH.....	55	72	53	80.00	71.00	70.00
OR.....	61	58	56	68.00	61.00	61.00
PA.....	85	73	61	101.00	105.00	105.00
WA.....	40	25	23	62.00	72.00	77.00
WI.....	61	55	60	66.00	63.00	70.00
Total.....	7,238	7,476	8,395	51.40	52.50	52.40
US.....	8,616	8,642	9,715	53.90	54.20	54.10
PROCESSING						
Spring:						
CA.....	2,100	3,165	3,320	23.00	25.40	22.90
MI.....	40	37	33	38.10	40.00	42.00
OR.....	590	598	560	34.70	44.90	50.00
WA.....	74	101	61	40.00	46.00	57.00
US.....	2,804	3,901	3,974	26.10	28.70	27.40

¹ Preliminary. ² Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

National Agricultural Statistics Service.

Table 323.—Strawberries, commercial crop: Area, yield, production, value per unit, and total value, United States, 1977-91

Year	Fresh market and processing					Fresh market ³			Processing		
	Area for harvest	Yield per acre	Production ¹	Value ²		Production of value	Value ²		Production of value	Value ²	
				Per unit	Total		Per unit	Total		Per unit	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>
1977.....	35,650	186	6,619	33.20	219,958	4,298	39.10	167,949	2,321	22.40	52,009
1978.....	37,600	175	6,592	31.70	209,257	4,779	36.70	175,155	1,813	18.80	34,102
1979.....	36,500	175	6,383	38.70	246,850	4,360	43.40	189,105	2,023	28.50	57,745
1980.....	36,050	195	7,017	41.20	288,776	4,821	47.90	231,115	2,196	26.30	57,661
1981.....	37,000	200	7,416	42.00	311,147	5,375	47.10	253,289	2,041	28.30	57,858
1982.....	40,250	219	8,830	48.10	424,592	5,896	55.20	325,338	2,934	33.80	99,254
1983.....	43,400	207	8,968	45.50	408,310	5,887	52.90	311,194	3,081	31.50	97,116
1984.....	43,300	229	9,937	41.70	414,422	7,510	49.00	367,672	2,427	19.30	46,750
1985.....	44,350	230	10,218	44.30	452,413	7,571	52.60	398,488	2,647	20.40	53,925
1986.....	44,750	229	10,232	49.50	506,089	7,387	57.60	425,346	2,845	28.40	80,743
1987.....	46,120	242	11,173	49.40	552,336	7,804	58.50	456,290	3,369	28.50	96,046
1988.....	47,150	250	11,791	46.20	544,279	8,555	54.10	462,690	3,236	25.20	81,589
1989.....	46,100	248	11,420	47.10	537,756	8,616	53.90	464,499	2,804	26.10	73,257
1990.....	46,180	272	12,543	46.30	580,101	8,642	54.20	468,000	3,901	28.70	112,101
1991 ⁴	46,680	293	13,689	46.30	634,028	9,715	54.10	525,137	3,974	27.40	108,891

¹ Excludes the following quantities not harvested and not marked because of economic conditions (1,000 hundredweight): 1 in 1977, 1 in 1978, 28 in 1979, 48 in 1980, 22 in 1981, 11 in 1982, 21 in 1983, 19 in 1984, 35 in 1985, 11 in 1986, 239 in 1987, and 9 in 1989. ² Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door. ³ Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 324.—Strawberries, commercial crop: Area harvested, production, value per hundredweight, by States, 1989-91 ¹

Season and State	Area Harvested			Production			Value per unit		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
Winter:									
FL.....	Acres 5,300	Acres 5,300	Acres 5,500	1,000 cwt. 1,378	1,000 cwt. 1,166	1,000 cwt. 1,320	Dollars per cwt. 66.90	Dollars per cwt. 64.60	Dollars per cwt. 64.30
Total.....	5,300	5,300	5,500	1,378	1,166	1,320	66.90	64.60	64.30
Spring:									
AR.....	250	230	230	9	6	8	56.00	62.00	53.00
CA.....	20,400	21,000	21,100	8,670	9,370	10,972	42.90	42.30	42.40
LA.....	650	750	850	40	59	55	58.00	68.00	56.00
MI.....	2,200	2,200	2,100	117	143	130	49.00	50.50	49.50
NJ.....	600	500	500	18	21	19	69.90	87.50	67.00
NY.....	2,400	2,700	3,400	134	170	190	87.50	83.00	75.90
NC.....	2,100	2,100	2,200	88	126	121	54.00	51.00	58.10
OH.....	1,200	1,100	1,000	55	72	53	80.00	71.00	70.00
OR.....	6,200	5,700	5,600	651	656	616	37.80	46.30	51.00
PA.....	1,800	1,700	1,600	85	73	61	101.00	105.00	105.00
WA.....	1,900	1,800	1,400	114	126	84	47.70	51.20	62.50
WI.....	1,100	1,100	1,200	61	55	60	66.00	63.00	70.00
Total.....	40,800	40,880	41,180	10,042	11,377	12,369	44.40	44.40	44.40
US.....	46,100	46,180	46,680	11,420	12,543	13,689	47.10	46.30	46.30

¹ Includes quantities used for fresh market and processing. ² Preliminary.

National Agricultural Statistics Service.

Table 325.—Fruits, noncitrus: Production, utilization, and value, United States, 1977-91 ¹

Year	Utilized production	Fresh ²	Processed						Value of utilized production
			Canned	Dried	Juice	Frozen	Wine	Other	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 dollars
1977.....	12,216	4,531	2,060	1,870	841	244	2,412	258	2,533,727
1978.....	12,460	4,166	2,549	1,365	1,140	257	2,672	311	3,034,322
1979.....	13,689	4,358	2,758	2,044	1,285	226	2,713	305	3,404,222
1980.....	15,152	5,010	2,747	2,408	1,418	251	2,996	322	3,491,419
1981.....	12,961	4,708	2,263	1,722	1,235	231	2,522	280	3,586,740
1982.....	14,216	5,127	2,036	2,155	1,255	227	3,227	188	3,445,555
1983.....	13,721	4,803	2,110	2,481	1,460	185	2,423	259	3,188,836
1984.....	13,806	4,972	2,259	2,060	1,336	245	2,695	239	3,281,650
1985.....	13,682	4,749	2,119	2,192	1,226	263	2,921	212	3,380,152
1986.....	13,365	4,896	2,211	1,668	1,135	286	2,909	260	3,699,956
1987.....	15,452	5,553	2,369	2,367	1,893	306	2,647	317	3,868,619
1988.....	15,303	5,465	2,374	2,546	1,372	296	2,983	267	4,552,348
1989.....	15,794	5,692	2,266	2,857	1,547	341	2,869	222	4,750,439
1990.....	15,029	5,519	2,401	2,439	1,450	314	2,717	189	4,943,303
1991 ³	15,137	5,790	2,124	2,403	1,587	306	2,765	163	5,405,145

¹ Includes the following crops: Apples, apricots, avocados, bananas, bushberries (through 1981), cherries, cranberries, dates, figs, grapes, kiwifruit (beginning 1980), nectarines, olives, papayas, peaches, pears, pineapples, pomegranates, and prunes and plums. Persimmons discontinued after 1977. ² Includes "Home Use," local and roadside sales. ³ Preliminary.

National Agricultural Statistics Service.

Table 326.—Fruits: Arrivals at 4 markets, by commodities, 1991 ¹

Commodity	Baltimore ²			Boston			New York ⁴			Philadelphia		
	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total	Rail, boat, and air	Motor- truck ³	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Citrus:												
Grapefruit.....	60	253	313	29	366	395	577	243	820	140	178	318
Lemons.....	24	126	150	116	103	219	229	165	394	101	116	217
Limes.....		27	27		53	53		76	76		9	9
Mixed citrus.....	5		5				4		4	1		1
Oranges.....	47	358	405	209	426	635	852	433	1,285	273	297	570
Tangelos.....	2	22	24		14	14	3	6	9		12	12
Tangerines.....	3	34	37		74	74	53	22	75	5	26	31
Temple.....	1	16	17		12	12	11	1	12		8	8
Citrus, other ⁵		7	7		9	9		5	5		8	8
Total.....	142	843	985	354	1,057	1,411	1,729	951	2,680	520	654	1,174
Non-citrus:												
Apples.....	52	533	585	322	517	839	612	670	1,282	252	289	541
Apricots.....	7	7	7		5	5		13	13		3	3
Avocados.....		26	26		40	40		146	146		9	9
Bananas.....	1,397	1,397		1,947	1,947	4,865	349	5,214		426	426	
Blueberries.....	13	13			29	29		20	20		7	7
Cherries.....	21	21	3	24	27			26	26	2	16	18
Cranberries.....	1	1		6	6							
Grapes, table.....	20	361	381	108	442	550	172	694	866	187	231	418
Grapes, juice.....	1		1	16	26	42	36		36	13		13
Kiwifruit.....		12	12		15	15		19	19		11	11
Mangoes.....		15	15		29	29	24	50	74		4	4
Mixed deciduous.....	3		3				2		2			
Nectarines.....	3	73	76	26	93	119	40	59	99	33	53	86
Papaya.....								4	4			
Peaches.....	1	135	136	12	217	229	18	241	259	18	85	103
Pears.....	7	119	126	90	141	231	239	342	581	69	112	181
Persimmons.....		2	2		3	3		1	1		5	5
Pineapples.....	22	65	87	27	93	120	1	48	49	3	12	15
Plantains.....		16	16		35	35		82	82			
Plums-prunes.....	6	79	85	31	106	137	59	94	153	35	61	96
Pomegranates.....		3	3		1	1						
Strawberries.....	5	183	188	6	245	251	1	283	284	1	257	258
Fruits, other ⁵		1	1	3	3	6		1	1			
Total.....	120	3,062	3,182	644	4,017	4,661	6,069	3,142	9,211	613	1,581	2,194
Grand total.....	262	3,905	4,167	998	5,074	6,072	7,798	4,093	11,891	1,133	2,235	3,368

¹ Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981. ² Includes Washington. ³ Estimated percentages of completeness for reported truck arrivals for 1991 are as follows: Baltimore 92, Boston 92, New York 92, and Philadelphia 92. ⁴ Includes Newark.

⁵ Not otherwise specified.

Agricultural Marketing Service.

Table 327.—Fruits, fresh: Arrivals at 4 markets, by commodities, 1991 ¹

Commodity	Atlanta			Chicago			Los Angeles			San Francisco ³		
	Rail, boat, and air	Motor truck ²	Total	Rail, boat, and air	Motor truck ²	Total	Rail, boat, and air	Motor truck ²	Total	Rail, boat, and air	Motor truck ²	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Citrus:												
Grapefruit.....		134	134	32	403	435		570	570		322	322
Lemons.....		155	155	234	155	389		425	425		241	241
Limes.....		33	33		65	65		482	482		158	158
Mixed citrus.....				38		38						
Oranges.....		316	316	291	732	1,023		1,094	1,094		809	809
Tangelos.....		23	23		13	13		16	16		23	23
Tangerines.....		27	27	8	67	75		122	122		174	174
Templets.....		5	5		7	7						
Citrus, other ⁴		2	2		7	7		3	3		16	16
Total.....	0	695	695	603	1,449	2,052	0	2,712	2,712	0	1,743	1,743
Noncitrus:												
Apples.....	52	345	397	637	907	1,544	4	3,513	3,517		1,222	1,222
Apricots.....					11	11	3	34	37		22	22
Avocados.....		20	20		55	55	12	207	219		221	221
Bananas.....		516	516		1,994	1,994	6,157	442	6,599		2,060	2,061
Blueberries.....		4	4		7	7	4	14	18		9	9
Cherries.....		2	2	1	22	23	2	104	106		34	34
Cranberries.....					4	4					3	3
Grapes, table.....		163	163	146	628	774	191	717	908		430	430
Grapes, juice.....				27		27						
Kiwifruit.....		11	11		14	14	12	11	23	3	6	9
Mangoes.....					50	50	5	312	317		185	185
Mixed deciduous.....				10		10						
Nectarines.....		21	21	34	121	155	44	243	287		141	141
Papaya.....							25	36	61	19		19
Peaches.....		94	94	14	178	192	32	340	372		207	207
Pears.....		32	32	144	233	377	24	505	529		337	337
Persimmons.....					4	4		36	36		10	10
Pineapples.....		58	58	1	83	84	161	15	176	152	2	154
Plantains.....					22	22	7	21	28		20	20
Plums-prunes.....		31	31	55	102	157	36	183	219		92	92
Pomegranates.....					1	1		12	12		6	6
Strawberries.....		105	105	3	290	293	1	423	424	1	219	220
Fruits, other ⁴					4	4	14	95	109		26	26
Total.....	52	1,402	1,454	1,072	4,730	5,802	6,734	7,263	13,997	175	5,252	5,428
Grand total.....	52	2,097	2,149	1,675	6,179	7,854	6,734	9,975	16,709	175	6,995	7,171

¹ Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369. The term "unloads" was discontinued in favor of the term "arrivals" at the close of calendar year 1981. ² Estimated percentages of completeness for reported truck arrivals for 1991 are as follows: Atlanta 85, Chicago 93, Los Angeles 90, and San Francisco 85. ³ Includes Oakland. ⁴ Not otherwise specified.

Agricultural Marketing Service.

Table 328.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1991 ¹

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Citrus:													
Grapefruit.....	2,924	2,767	2,835	2,120	814	222	119	42	986	2,163	2,188	2,274	19,454
Lemons.....	565	616	865	732	762	969	687	741	562	697	810	613	8,619
Limes.....	47	56	58	52	99	123	127	98	89	67	57	65	938
Mixed citrus.....	2	5	1		7	11					7	11	44
Oranges.....	1,901	1,809	2,176	2,041	1,935	1,367	938	1,033	976	1,569	2,943	4,393	23,081
Tangelos.....	157	15	1							49	292	510	1,024
Tangerines.....	184	227	87	9	1				10	141	296	313	1,268
Temple.....	245	230	93	9								12	589
Citrus, other ²									19	72	4		95
Total.....	6,025	5,725	6,116	4,963	3,618	2,692	1,871	1,914	2,642	4,758	6,597	8,191	55,112
Noncitrus:													
Apples.....	3,456	3,632	4,318	3,064	2,519	2,339	1,737	2,574	2,431	3,831	4,982	4,053	38,936
Apricots.....					64	160	106	35					365
Avocados.....	180	190	234	231	271	318	333	416	261	186	117	179	2,916
Blueberries.....					42	111	211	36	1				401
Cranberries.....									9	21	31		61
Cherries.....					95	569	398	11					1,073
Grapes, table.....	214	40			58	869	1,544	2,694	2,314	2,177	1,770	969	12,649
Grapes, juice.....								9	775	363			1,147
Kiwifruit.....	92	127	143	119	60	1				18	51	62	673
Mangoes.....				6	18	12	17	10	10	5			78
Mixed deciduous.....			3	3	4	12	4	1	2	7	10	8	54
Nectarines.....				4	218	780	1,164	1,240	627	13			4,046
Papaya.....	46	30	28	31	32	24	30	28	39	50	43	47	428
Peaches.....				9	914	1,549	1,920	2,012	711	71			7,186
Pears.....	797	627	648	462	383	182	262	493	785	1,172	1,418	856	8,085
Persimmons.....										16	37	9	62
Pineapples.....	188	192	223	220	240	195	219	181	131	211	197	176	2,373
Plums—fresh.....													
prunes.....					127	637	1,771	1,167	424	170	7		4,303
Pomegranates.....								2	12	42	17	4	77
Strawberries.....	123	261	564	1,666	1,728	1,338	950	683	576	382	125	99	8,495
Fruits, other ²													
Total.....	5,096	5,099	6,161	5,815	6,773	9,096	10,666	11,592	9,108	8,735	8,805	6,462	93,408
Grand total.....	11,121	10,824	12,277	10,778	10,391	11,788	12,537	13,506	11,750	13,493	15,402	14,653	148,520

¹ Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-77 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 370. ² Not otherwise specified.

Agricultural Marketing Service.

Table 329.—Fruit juices, canned: United States packs, 1977-90

Season	Citrus juices ¹				Pineapple juice ²	Apple juice
	Grapefruit	Orange	Blended orange and grapefruit	Tangerine and tangerine blends		
	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³	1,000 cases ³
1977.....	26,379	15,829	1,945	8	11,977	17,056
1978.....	25,175	18,905	1,138	19	11,336	20,804
1979.....	24,228	18,367	1,534	17	12,186	25,305
1980.....	19,429	17,604	1,082	9	12,405	25,131
1981.....	20,429	13,730	812	6	13,373	26,761
1982.....	* 11,651	* 9,802	* 650	4	(⁵)	(⁵)
1983.....	* 9,513	* 9,084	* 555	(⁵)	(⁵)	(⁵)
1984.....	* 10,552	* 7,425	* 615	1	(⁵)	(⁵)
1985.....	* 9,948	* 7,597	* 577	(⁵)	(⁵)	(⁵)
1986.....	* 8,982	* 8,122	* 533	(⁵)	(⁵)	(⁵)
1987.....	* 7,724	* 7,256	* 449	(⁵)	(⁵)	(⁵)
1988.....	* 7,956	* 8,164	* 424	(⁵)	(⁵)	(⁵)
1989.....	* 5,986	* 6,640	* 374	(⁵)	(⁵)	(⁵)
1990.....	* 6,678	* 7,130	* 450	(⁵)	(⁵)	(⁵)

¹ Excluding citrus concentrates. ² Hawaii and foreign operations. ³ Equivalent cases of 24 No. 2 cans.

* Florida only. ⁵ Not available.

Economic Research Service, Commodity Economic Division.

Table 330.—Fruits, dried: Production (dry basis), California, 1977-91

Year	Apples	Apri- cots	Dates	Figs ¹	Peach- es ²	Pears ³	Prunes	Grapes ⁴	Total
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1977	3,700	5,100	25,400	12,700	2,500	1,130	159,000	248,900	458,430
1978	3,700	3,600	21,550	9,300	2,000	855	132,000	172,475	345,480
1979	5,200	5,300	21,300	11,640	1,800	1,530	136,000	303,390	486,160
1980	2,140	3,600	22,400	14,450	2,200	1,500	168,000	310,550	524,840
1981	1,400	3,800	22,300	12,200	2,050	1,440	159,500	258,000	460,690
1982	1,000	4,800	23,900	12,200	2,600	1,200	126,000	295,300	487,000
1983	1,000	4,100	17,000	11,050	2,000	1,080	145,000	398,500	579,730
1984	2,050	3,520	22,200	11,500	1,550	780	148,000	335,350	524,950
1985	4,700	2,000	28,900	10,400	2,050	1,310	141,000	347,940	538,300
1986	1,950	1,400	17,800	16,200	1,800	1,410	99,000	278,900	418,460
1987	2,900	2,980	19,400	16,850	3,900	1,130	229,000	357,950	634,110
1988	2,050	2,640	22,000	18,000	2,500	1,220	151,000	366,500	565,910
1989	2,850	3,900	22,000	15,500	1,700	1,140	226,000	433,200	706,290
1990	3,200	3,050	24,000	15,700	1,500	1,270	147,000	395,500	591,220
1991		2,600	22,000	11,900	2,400	1,550	187,000	347,800	575,250

¹ Standard and substandard. ² Freestone only. ³ Bartlett only. ⁴ Raisin and table type.
Economic Research Service. Commodity Economic Division.

Table 331.—Fruits, dried: Commercial production in specified countries, 1989/90-1991/92

Commodity/country	1989/90	1990/91	1991/ 92 ¹	Commodity/country	1989/90	1990/91	1991/ 92 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Prunes:				Raisins:			
Argentina	8,000	7,500	7,000	Argentina	8,000	7,500	7,400
Australia	2,556	2,368	1,400	Australia	59,154	85,478	97,898
Chile	13,900	10,300	13,500	Chile	30,500	38,400	17,000
France	19,949	36,745	25,000	Greece	83,580	37,000	38,000
South Africa, Rep	3,512	2,124	2,500	Mexico	7,000	12,500	9,000
United States	215,275	140,025	171,460	South Africa, Rep	34,104	30,621	41,474
Yugoslavia	12,148	5,239	4,000	Turkey	138,000	144,000	135,000
				United States	366,665	335,115	279,890
Total	275,240	204,301	224,860	Total	727,003	685,614	625,662

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 332.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1991 ¹

Commodity	Northeast ²	South ³	Midwest ⁴	West ⁵	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples.....	⁹ 50,207		45,952	53,264	149,423
Apricots.....				15,626	15,626
Cherries, sweet.....			2,995	11,560	14,555
Peaches.....				^{9 10 11} 100,157	100,157
Plums and prunes.....				901	901
Purees, noncitrus ⁶				^{9 11} 41,875	41,875
Berries:					
Blackberries.....				12,584	12,584
Blueberries.....	⁹ 51,601		36,277	10,152	98,030
Boysenberries.....				5,619	5,619
Loganberries.....				1,290	1,290
Raspberries, black.....			¹⁰ 1,813		1,813
Raspberries, red.....				¹¹ 24,000	24,000
Strawberries.....			⁹ 3,849	326,374	330,223
Citrus juices ⁷		1,544,938			1,544,938
Miscellaneous fruits and berries ⁸				^{9 11} 106,689	106,689
Total.....	101,808	1,544,938	90,886	710,091	2,447,723

¹ Includes the commercial pack only and does not include quantities produced in frozen food locker plants. ² Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island and Vermont. ³ Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. ⁴ Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. ⁵ Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. ⁶ 1990 data includes purees of apricots, apple, banana, blackberry, blueberry, boysenberry, cherry, cranberry, evergreen berry, gooseberry, grape, guava, loganberry, marionberry, peach, plum, black and red raspberry, and strawberry. ⁷ Calendar year estimate. (See table 280 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) ⁸ 1990 data includes avocado, cantaloupe, cranberries, gooseberries, grapes, honeydew, marionberries, mixed fruit, ollalieberries, oranges, pears, pineapple, RSP cherries (74,152 pounds), and watermelon. ⁹ Includes pack in South. ¹⁰ Includes pack in Northeast. ¹¹ Includes pack in Midwest.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

Table 333.—Fruits, frozen: Commercial pack, United States, 1982-91

Commodity	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples.....	100,378	75,576	77,996	85,481	111,133	122,399	117,076	123,260	125,540	149,423
Apricots.....	16,766	14,077	16,565	11,770	14,308	22,227	14,675	17,564	16,512	15,626
Cherries, sweet.....	17,206	17,303	13,282	10,262	14,404	21,332	18,482	14,010	13,695	14,555
Grapes and pulp.....	8,442	10,006	(¹)	4,715	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Peaches.....	56,714	56,454	75,877	80,990	100,730	105,764	110,286	99,217	111,203	100,157
Plums and prunes.....	5,631	2,646	3,436	4,400	4,354	657	507	753	986	901
Purees, noncitrus.....	20,268	16,169	15,645	24,655	29,424	39,749	24,707	28,686	42,452	41,875
Berries:										
Blackberries.....	16,283	14,581	11,130	12,681	12,955	21,027	21,437	13,765	13,715	12,584
Blueberries.....	46,464	43,528	54,835	54,506	77,754	69,153	82,382	89,274	102,141	98,030
Boysenberries.....	5,101	3,549	3,524	2,561	5,493	5,234	6,706	4,936	7,278	5,619
Currants.....	555	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Loganberries.....	1,665	2,223	1,018	775	1,133	1,016	1,461	720	964	1,290
Ollalieberries.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Raspberries.....	26,717	19,855	19,659	14,784	15,323	26,471	26,509	29,284	27,971	25,813
Strawberries.....	272,676	292,662	231,414	229,152	237,604	334,406	274,610	238,152	305,924	330,223
Citrus juices ²	1,643,272	1,726,906	1,223,389	1,402,320	1,551,722	1,599,370	2,096,657	1,928,605	1,346,406	1,544,938
Miscellaneous fruits and berries.....	20,004	5,640	37,839	16,148	22,960	80,727	130,908	145,070	125,513	106,689
Total.....	2,258,142	2,301,175	1,785,609	1,955,200	2,199,297	2,449,532	2,926,403	2,733,296	2,240,300	2,447,723

¹ Included in miscellaneous fruits and berries. ² Florida only. Calendar year estimate.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

Table 334.—Fruit and juices: Cold-storage holdings, end of month, United States, 1990 and 1991

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1990	1991	1990	1991	1990	1991	1990	1991
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	2,571,666	3,008,312	74,009	88,322	64,227	64,705	138,247	75,150
February.....	2,024,557	2,335,700	84,500	91,332	57,823	57,109	121,876	61,636
March.....	1,399,611	1,726,200	90,656	105,812	49,370	50,344	105,700	52,796
April.....	1,004,321	1,167,527	87,957	100,882	42,893	42,313	94,680	43,898
May.....	589,836	752,148	82,002	93,487	36,760	32,741	80,465	34,486
June.....	283,943	429,069	72,922	85,197	30,478	28,590	69,577	32,294
July.....	118,867	168,466	61,722	79,306	30,923	42,608	151,878	109,308
August.....	8,757	17,669	48,925	68,538	93,617	87,158	150,236	110,759
September.....	3,004,957	2,723,587	43,404	59,357	101,627	86,874	135,712	98,262
October.....	4,589,912	5,134,543	48,601	76,368	90,636	83,623	121,094	89,428
November.....	4,003,699	4,461,505	63,262	80,036	80,183	75,499	105,935	77,833
December.....	3,378,312	3,710,920	77,155	92,737	73,332	66,056	92,633	67,799

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1990	1991	1990	1991	1990	1991
	61,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	142,684	174,944	727,891	760,661	931,180	1,195,776
February.....	130,622	156,386	661,952	675,998	1,077,251	1,199,471
March.....	123,519	149,360	609,193	635,202	1,131,627	1,236,868
April.....	146,703	151,244	594,184	566,702	1,170,046	1,363,205
May.....	192,118	191,440	582,785	549,813	1,176,043	1,304,680
June.....	298,442	272,216	653,189	590,601	1,074,805	1,110,642
July.....	311,369	329,967	790,847	772,358	1,008,073	1,016,000
August.....	295,623	307,095	856,611	833,214	901,380	876,933
September.....	281,973	299,071	865,807	860,644	789,347	765,194
October.....	247,991	267,351	953,208	1,035,356	799,628	601,765
November.....	213,719	243,759	883,070	983,427	871,340	617,298
December.....	198,333	219,917	837,979	896,854	1,031,610	828,427

National Agricultural Statistics Service.

Table 335.—Canned fruits and fruit juices: ¹ Cannery stock, United States, 1988–91

Commodity	Season beginning—	1988	1989	1990	1991
		1,000 cases	1,000 cases	1,000 cases	1,000 cases
Canned fruits: ¹					
Apricots.....	June 1.....	132	(³)	(³)	(³)
Cherries, red pitted.....	July 1.....	40	(³)	(³)	(³)
Cherries, sweet.....	June 1.....	151	(³)	(³)	(³)
Peaches, clingstone.....	June 1.....	1,352	(³)	(³)	(³)
Pears.....	June 1.....	1,981	(³)	(³)	(³)
Purple plums.....	June 1.....	184	(³)	(³)	(³)
Fruit cocktail.....	June 1.....	2,251	(³)	(³)	(³)
Canned juices: ²					
Grapefruit.....	Oct. 1.....	1,322	1,394	799	808
Orange.....	Oct. 1.....	856	792	615	545
Blended orange and grapefruit.....	Oct. 1.....	117	116	76	45

¹ 24/2½ cases. ² Florida only 24/2 cases. ³ Not available.

Economic Research Service, Commodity Economic Division.

Table 336.—Fruits: Total and per capita consumption, United States, 1976-90 ¹

Year	Fruits used fresh							
	Total fruit		Citrus fruit ²		Noncitrus fruits ³		Canned fruits ⁴	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1976.....	18,328	84.0	6,330	29.0	11,998	54.9	3,183	14.6
1977.....	17,938	81.3	5,784	26.3	12,154	55.1	3,370	15.3
1978.....	18,671	83.8	5,909	26.6	12,762	57.2	3,406	15.3
1979.....	18,755	83.2	5,557	24.7	13,198	58.5	3,488	15.5
1980.....	20,531	90.0	6,573	28.9	13,958	61.1	3,416	15.0
1981.....	19,996	86.8	5,750	25.0	14,246	61.9	2,966	12.9
1982.....	20,373	87.6	5,748	24.7	14,625	62.8	3,204	13.8
1983.....	21,874	93.2	6,906	29.5	14,968	63.6	2,999	12.8
1984.....	21,697	91.6	5,681	24.0	16,016	67.6	2,907	12.3
1985.....	21,341	89.4	5,402	22.7	15,940	66.7	3,029	12.7
1986.....	23,107	95.9	6,270	26.1	16,837	69.8	3,104	12.9
1987.....	24,595	101.2	6,255	25.8	18,340	75.4	2,802	13.6
1988.....	24,338	99.2	6,479	26.4	17,859	72.7	3,235	13.2
1989.....	24,574	99.2	6,154	24.9	18,420	74.3	3,314	13.4
1990 ⁵	23,124	92.3	5,641	22.6	17,483	69.7	3,375	13.5

Year	Canned juice ⁶		Chilled juice ⁷		Frozen fruit and juice ⁸		Dried fruits ⁹	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1976.....	1,616	7.4	1,315	6.0	2,934	12.8	520	2.4
1977.....	1,514	6.9	1,237	5.6	3,063	13.9	516	2.3
1978.....	1,796	8.1	1,335	6.0	2,764	12.4	466	2.1
1979.....	1,686	7.5	1,214	5.4	2,801	12.5	491	2.2
1980.....	1,646	7.2	1,319	5.8	2,922	12.8	502	2.2
1981.....	1,635	7.1	944	4.1	2,902	12.6	538	2.3
1982.....	1,349	5.8	806	3.5	3,256	14.0	561	2.4
1983.....	1,124	4.8	961	4.1	3,255	15.1	569	2.4
1984.....	1,051	4.4	882	3.6	3,188	13.5	640	2.7
1985.....	903	3.8	782	3.2	3,614	15.1	650	2.7
1986.....	852	3.5	909	3.8	3,876	16.1	620	2.6
1987.....	878	3.6	1,086	4.5	3,782	15.6	704	2.9
1988.....	834	3.4	1,244	5.1	3,797	15.4	762	3.1
1989.....	389	1.6	1,613	6.5	3,596	14.5	766	3.1
1990 ⁵	450	1.8	1,576	6.3	3,018	12.1	(¹⁰)	(¹⁰)

¹ Fresh citrus fruits, canned fruit, canned juice, and chilled juice are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita consumption was obtained by dividing the total consumption by total population.

² Oranges, tangerines, tangelos, temple lemons, limes, and grapefruits. ³ Apples, apricots, avocados, bananas, cherries, cranberries, figs, grapes, beginning 1983 included kiwifruit, mangoes, nectarines, peaches, pears, pineapples, papayas, plums and prunes, strawberries, and miscellaneous fruits. ⁴ Apricots, cherries, fruit cocktail and salads, peaches, pears, plums and prunes, and olives. ⁵ Preliminary. ⁶ Orange, grapefruit, blended citrus, lemon and limes, fruit nectars, grapes, and prunes, beginning 1989 excludes noncitrus juices. ⁷ Orange and grapefruit. ⁸ Cherries, apples, peaches, apricots, strawberries, other berries, grapes and pulp, miscellaneous fruits and citrus juice. ⁹ Apricots, peaches, pears, dates, figs, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Dried data are in terms of processed dried weight.

¹⁰ Not available.

Table 337.—All tree nuts: Supply and utilization, United States, 1977-92

Season ¹	Shelled basis									
	Utilized production	Loss and exempt ²	Marketable production ³	Imports	Beginning stocks ⁴	Market reserve	Total supply ⁵	Ending stocks	Exports	Domestic consumption
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
										Per capita
1977/78.....	578,204	29,133	548,791	106,371	113,824	0	768,986	155,784	233,167	380,034
1978/79.....	424,321	19,322	404,839	124,753	155,784	0	685,376	126,872	174,648	383,857
1979/80.....	644,110	28,186	614,284	121,923	126,872	0	863,079	167,652	294,345	401,083
1980/81.....	587,779	18,151	569,626	101,117	167,652	0	838,395	164,882	261,980	411,533
1981/82.....	766,121	26,964	739,158	92,598	164,882	0	996,637	271,810	279,730	445,097
1982/83.....	674,607	17,485	657,124	123,261	271,810	6,620	1,052,195	317,766	234,339	500,090
1983/84.....	536,400	23,628	512,772	146,983	317,766	6,650	977,521	225,806	219,322	532,393
1984/85.....	881,037	27,957	853,076	139,937	225,806	28,180	1,218,819	345,481	318,111	555,227
1985/86.....	786,910	22,110	764,799	151,129	345,481	44,400	1,261,409	297,138	392,963	571,308
1986/87.....	572,813	15,962	556,848	142,993	297,138	0	996,978	198,530	240,643	557,805
1987/88.....	1,031,411	26,816	1,004,595	132,444	198,530	114,220	1,335,569	372,258	426,277	537,034
1988/89.....	968,231	27,650	940,581	126,742	372,258	141,130	1,439,581	417,970	455,472	566,139
1989/90.....	832,204	34,477	797,727	154,316	417,970	0	1,370,013	343,538	446,608	579,867
1990/91.....	1,011,714	46,917	964,798	193,391	343,538	44,100	1,501,727	397,624	480,088	624,015
1991/92 ⁶	880,565	30,360	850,204	172,302	397,624	44,000	1,420,130	268,097	515,657	636,375

¹ Beginning July 1 for almonds, hazelnuts, and pecans; August 1 for walnuts; September 1 for pistachios; and January 1 of first year indicated for macadamias and all others. Other tree nuts include Brazil, pignolias, chestnuts, cashews, and miscellaneous. ² Utilized production minus marketable production which in part is inedibles and noncommercial usage. ³ Marketable production is used to calculate consumption which excludes inedibles and noncommercial usage. ⁴ Previous year's ending stocks. ⁵ Marketable production plus imports plus beginning stocks. ⁶ Preliminary estimates.

Economic Research Service. Commodity Economics Division.

Table 338.—Tree nuts: Commercial production in specified countries, 1989/90-91/92

Commodity and country	1989/90	1990/91	1991/92 ¹	Commodity and country	1989/90	1990/91	1991/92 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
Almonds (shelled basis):				Filberts (in the shell)—Con.			
Greece.....	17.2	15.5	11.0	Turkey.....	500.0	390.0	350.0
Italy.....	18.0	19.0	12.0	United States.....	11.8	19.7	23.0
Morocco.....	11.1	11.5	12.2	Total.....	676.8	504.7	525.0
Portugal.....	3.5	2.5	3.0				
Spain.....	80.0	50.0	55.0	Walnuts (in the shell):			
Turkey.....	15.0	15.0	16.0	China.....	160.1	149.6	152.5
United States.....	222.3	299.4	213.2	France.....	25.8	24.6	13.0
Total.....	367.1	412.9	322.4	India.....	17.0	20.0	17.0
				Italy.....	18.0	18.0	12.0
Filberts (in the shell):				Turkey.....	64.0	65.0	66.0
Italy.....	140.0	80.0	140.0	United States.....	207.8	205.9	226.8
Spain.....	25.0	15.0	12.0	Total.....	492.7	483.1	487.3

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 339.—Almonds (shelled basis): Production, marketing year average price per pound, and value, California, 1977-91

Year	Production	Price	Value	Year	Production	Price	Value
	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1977.....	313.0	84.5	264,485	1985 ¹	465.0	80.0	360,640
1978.....	181.0	145.0	262,450	1986 ¹	250.0	192.0	461,568
1979.....	376.0	153.0	575,280	1987 ¹	660.0	100.0	648,000
1980.....	322.0	147.0	473,340	1988 ¹	580.0	105.0	600,075
1981.....	408.0	78.0	299,520	1989 ¹	490.0	102.0	480,930
1982 ¹	347.0	94.0	311,140	1990 ¹	660.0	93.0	597,990
1983 ¹	242.0	104.0	231,920	1991 ¹	490.0	114.0	540,474
1984.....	590.0	77.4	446,134				

¹ Price and value are based on edible portion of the crop only. Included in production are inedible quantities of no value as follows (million pounds): 1982—16.0; 1983—19.0; 1984—13.5; 1985—14.3; 1986—9.80; 1987—12.0; 1988—18.5; 1989—18.5, 1990—17.0; 1991—15.9. ² Preliminary.

National Agricultural Statistics Service.

Table 340.—Almonds (shelled basis¹): Foreign trade, United States, 1977-90

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1977.....	92	62,318	1982.....	375	57,974	1987.....	174	150,191
1978.....	215	43,115	1983.....	67	63,406	1988.....	150	136,177
1979.....	63	86,706	1984.....	110	128,484	1989.....	26	144,633
1980.....	23	75,008	1985.....	185	119,982	1990.....	50	133,740
1981.....	54	76,005	1986.....	719	73,653			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 1.67 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 1.67 to 1.0.

Economic Research Service. Commodity Economic Division.

Table 341.—Hazelnuts (in-shell basis): Production, marketing year average price per ton, and value, United States, 1977-91

Year	Oregon			Washington			Oregon and Washington		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	11,400	687	7,832	350	674	236	11,750	687	8,068
1978.....	13,700	805	11,029	350	836	292	14,050	806	11,321
1979.....	12,700	951	12,078	300	970	291	13,000	951	12,369
1980.....	15,100	1,151	17,386	300	1,181	354	15,400	1,152	17,740
1981.....	14,400	786	11,319	300	770	231	14,700	786	11,550
1982.....	18,400	680	12,512	400	677	271	18,800	680	12,783
1983.....	8,000	554	4,432	200	720	144	8,200	558	4,576
1984.....	13,200	617	8,144	200	875	175	13,400	621	8,319
1985.....	24,300	677	16,451	300	957	287	24,600	680	16,738
1986.....	14,900	724	10,788	200	895	179	15,100	726	10,967
1987.....	21,500	956	20,554	300	1,160	348	21,800	959	20,902
1988.....	16,300	853	13,904	200	891	178	16,500	853	14,082
1989.....	12,300	817	10,458	200	1,030	206	13,000	820	10,664
1990.....	21,500	783	16,835	200	880	176	21,700	784	17,011
1991 ¹	25,300	726	18,368	200	755	151	25,500	726	18,519

¹ Preliminary.

National Agricultural Statistics Service.

Table 342.—Hazelnuts (shelled basis ¹): Foreign trade, United States, 1977-90

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1977	3,447	993	1982	2,760	1,551	1987	1,797	3,281
1978	4,029	1,496	1983	4,013	1,245	1988	4,373	2,210
1979	2,118	3,025	1984	3,498	1,271	1989	3,034	2,109
1980	1,728	2,137	1985	1,780	3,766	1990	3,987	2,987
1981	2,494	1,520	1986	1,844	2,579			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.22 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Commodity Economic Division.

Table 343.—Macadamia nuts (in-shell basis): Area, yield, production, price, and value, Hawaii, 1977-91

Year	Area har- vested	Yield per har- vested acre	Produc- tion	Price per pound	Value	Year	Area har- vested	Yield per har- vested acre	Produc- tion	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dol- lars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dol- lars</i>
1977	6,300	3.1	19,680	40.8	8,029	1985	13,500	3.1	42,000	72.5	30,450
1978	9,200	2.3	20,980	53.8	11,287	1986	14,400	3.1	44,000	80.0	35,200
1979	9,600	2.8	26,660	62.9	16,769	1987	15,600	2.7	42,700	84.0	35,868
1980	10,000	3.3	33,390	72.4	24,174	1988	16,600	2.7	45,500	90.0	40,950
1981	10,000	3.3	33,360	79.3	26,454	1989	18,200	2.8	50,500	89.0	44,945
1982	10,200	3.6	36,720	73.9	27,136	1990	18,400	2.7	50,000	82.0	41,000
1983	10,600	3.4	36,420	65.7	23,928	1991 ¹	18,200	2.7	49,500	70.0	34,650
1984	12,000	3.1	37,700	69.2	26,088						

¹ Preliminary.

National Agricultural Statistics Service.

Table 344.—Pecans (in-shell basis): Production, marketing year average price per pound, and value, United States, 1977-91

Year	Improved varieties			Native and seedling			All pecans		
	Produc- tion	Price	Value	Produc- tion	Price	Value	Produc- tion	Price	Value
	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1977	137,900	66.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459
1978	164,500	64.5	106,170	85,400	52.8	45,080	249,900	60.5	151,250
1979	101,100	70.0	70,742	109,500	41.9	45,921	210,600	55.4	116,663
1980	128,500	84.8	109,015	55,000	62.3	34,254	183,500	78.1	143,269
1981	174,550	64.7	112,987	164,500	43.7	71,855	339,100	54.5	184,842
1982	169,000	72.6	122,776	49,600	49.8	24,715	218,600	67.5	147,491
1983	167,250	67.7	113,199	102,750	44.0	45,190	270,000	58.7	158,389
1984	169,230	68.2	115,406	63,170	46.6	29,424	232,400	62.3	144,830
1985	152,500	79.1	120,582	91,900	49.7	45,706	244,400	68.0	166,288
1986	182,650	79.3	144,765	90,050	57.6	51,884	272,700	72.1	196,649
1987	179,650	60.1	107,953	82,550	37.7	31,156	262,200	53.1	139,109
1988	185,500	62.6	116,210	122,700	41.1	50,448	308,200	54.1	166,658
1989 ¹	161,000	78.6	126,491	73,200	53.8	39,350	250,500	71.5	179,040
1990	143,500	128.0	184,135	41,250	90.2	37,212	205,000	121.0	247,590
1991 ²	163,300	114.0	186,917	115,000	83.5	95,969	299,000	104.0	309,524

¹ Arizona, Kansas, Missouri, and Tennessee added to program in 1989. No breakdown between improved varieties and native and seedling varieties available. These States totaled 16.3 million pounds, 80.9 cents a pound and a value of production of 13.179 million dollars for the 1989 crop.

² Preliminary.

National Agricultural Statistics Service.

Table 345.—Pecans (in-shell basis): Production and marketing year average price per pound, by States, 1989-91

Item and State	Production			Price for crop of—		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
IMPROVED VARIETIES ²						
AL.....	13,000	4,000	7,000	50.0	97.0	95.0
AR.....	100	100	1,500	80.0	102.0	106.0
CA.....	2,000	2,800	2,300	90.2	125.0	132.0
FL.....	4,000	2,000	2,000	59.0	110.0	101.0
GA.....	69,000	56,000	77,000	70.0	119.0	104.0
LA.....	2,500	1,500	2,500	68.0	120.0	80.0
MS.....	5,500	1,800	5,000	66.0	140.0	88.0
NM.....	29,000	34,000	29,000	103.0	153.0	148.0
NC.....	300	100	3,000	75.0	125.0	95.0
OK.....	1,000	800	1,000	98.2	114.0	130.0
SC.....	600	400	3,000	73.3	109.0	85.7
TX.....	34,000	40,000	30,000	90.0	125.0	125.0
US.....	161,000	143,500	163,300	78.6	128.0	114.0
NATIVE AND SEEDLING						
AL.....	9,000	1,000	11,000	44.0	68.0	80.0
AR.....	900	150	1,500	55.0	95.0	88.0
FL.....	3,000	1,600	1,500	43.0	80.0	87.0
GA.....	16,000	9,000	23,000	47.2	88.0	86.0
LA.....	11,500	4,500	24,500	51.0	85.0	73.0
MS.....	3,000	400	2,500	47.0	80.0	80.0
NC.....	400	300	2,500	55.0	100.0	85.0
OK.....	8,000	4,200	16,000	59.1	87.0	76.4
SC.....	400	100	2,500	44.9	90.0	81.2
TX.....	21,000	20,000	30,000	65.0	95.0	95.0
US.....	73,200	41,250	115,000	53.8	90.2	83.5
ALL PECANS						
AL.....	22,000	5,000	18,000	47.5	91.2	85.8
AR.....	1,000	250	3,000	57.5	98.0	97.0
CA.....	2,000	2,800	2,300	90.2	125.0	132.0
FL.....	7,000	3,600	3,500	52.1	96.7	95.0
GA.....	85,000	65,000	100,000	65.7	115.0	99.9
LA.....	14,000	6,000	27,000	54.0	93.8	73.6
MS.....	8,500	2,200	7,500	59.3	129.0	85.3
NM.....	29,000	34,000	29,000	103.0	153.0	148.0
NC.....	700	400	5,500	63.6	106.0	90.5
OK.....	9,000	5,000	17,000	63.4	91.3	79.6
SC.....	1,000	500	5,500	62.0	105.0	83.7
TX.....	55,000	60,000	60,000	80.5	115.0	110.0
Other States ³	16,300	20,250	20,700	81.0	130.0	129.0
US.....	250,500	205,000	299,000	71.5	121.0	104.0

¹ Preliminary. ² Budded, grafted or topworked varieties. ³ AZ, KS, MO, and TN. No breakdown between improved varieties and native and seedling varieties is available.
National Agricultural Statistics Service.

Table 346.—Pecans (shelled basis ¹): Foreign trade, United States, 1977-90

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1977.....	232	1,637	1982.....	384	2,665	1987.....	5,345	1,961
1978.....	617	1,540	1983.....	2,244	1,548	1988.....	757	2,641
1979.....	300	1,539	1984.....	1,336	931	1989.....	6,391	5,062
1980.....	478	2,021	1985.....	5,181	968	1990.....	10,516	7,607
1981.....	220	1,352	1986.....	3,938	1,229			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Commodity Economic Division.

Table 347.—Walnuts (English): Production, marketing year average price per ton, and value, United States, 1977-91

Year	California			Oregon			California and Oregon		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	192,000	725	139,200	500	710	355	192,500	725	139,555
1978.....	160,000	1,302	208,320	(¹)	(¹)	(¹)			
1979.....	208,000	847	176,176						
1980.....	197,000	936	184,392						
1981.....	225,000	1,014	228,150						
1982.....	234,000	1,020	238,680						
1983.....	199,000	631	125,569						
1984.....	213,000	730	155,490						
1985.....	219,000	798	174,762						
1986.....	180,000	1,080	194,400						
1987.....	247,000	984	243,048						
1988.....	209,000	922	192,698						
1989.....	229,000	1,070	245,030						
1990.....	227,000	1,040	236,080						
1991 ²	259,000	1,080	279,720						

¹ Estimates discontinued after 1977 crop. ² Preliminary.

National Agricultural Statistics Service.

Table 348.—Walnuts (shelled basis ¹): Foreign trade, United States, 1977-90

Year beginning October	Imports		Year beginning October	Imports		Year beginning October	Imports	
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
1977.....	66	7,574	1982.....	107	17,392	1987.....	158	29,161
1978.....	533	12,826	1983.....	31	17,713	1988.....	72	31,646
1979.....	98	18,541	1984.....	165	24,509	1989.....	66	34,912
1980.....	4	21,772	1985.....	43	24,109	1990.....	65	30,973
1981.....	37	23,614	1986.....	1,261	29,216			

¹ Imports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service, Commodity Economic Division.

Table 349.—Cacao beans: United States imports by country of origin, 1989-91

Continent and country	1989	1990	1991	Continent and country	1989	1990	1991
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa:			
Costa Rica.....	302	102	41	Nigeria.....	32,867	16,024	22,528
Dominican Republic.....	33,293	43,742	37,527	Cote d'Ivoire.....	56,309	85,763	105,990
Guatemala.....	332	2	179	Ghana.....	19,228	28,309	52,036
Haiti.....	816	734	160	Other countries.....	2,633	0	34
Honduras.....	1,603	1,793	1,124	Total.....	111,037	130,096	180,588
Trinidad and Tobago.....	814	1,626	1,135	Asia and Oceania:			
Other countries.....	509	349	713	Indonesia.....	11,653	35,000	65,981
Total.....	37,669	48,348	40,879	Malaysia.....	21,286	21,011	22,549
South America:				Papua New Guinea.....	10,495	10,850	14,645
Brazil.....	38,908	47,327	31,790	Other countries.....	1,838	3,117	150
Colombia.....	2,555	1,350	1,503	Total.....	45,272	69,978	103,325
Ecuador.....	29,520	38,868	31,172	Europe.....	390	385	2,683
Venezuela.....	795	844	70	Grand total.....	266,146	337,196	392,010
Total.....	71,778	88,389	64,585				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 350.—Cacao beans: Exports from principal producing countries, 1988-90

Continent and country	1988	1989	1990 ¹	Continent and country	1988	1989	1990 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Africa—Con.			
Costa Rica.....	1,265	862	1,031	Ghana.....	202,964	250,860	230,000
Dominican Republic.....	46,670	40,615	45,840	Ivory Coast.....	383,154	482,662	600,000
Grenada.....	1,572	1,367	1,472	Liberia.....	2,782	3,074	3,000
Haiti.....	2,700	2,800	2,500	Madagascar.....	3,691	2,384	2,000
Honduras.....	1,633	2,655	2,600	Nigeria.....	203,000	99,200	125,000
Jamaica.....	1,666	1,084	1,900	Sao Tome and Principe.....	4,053	3,900	3,000
Mexico.....	3,078	1	0	Sierra Leone.....	8,531	8,202	4,600
Trinidad and Tobago.....	1,733	1,377	2,017	Tanzania.....	1,340	1,600	2,500
Other countries.....	1,119	580	616	Togo.....	10,825	6,537	6,100
Total.....	61,436	51,341	57,976	Uganda.....	230	400	300
				Zaire.....	4,930	4,248	4,000
South America:				Total.....	952,415	957,456	1,089,300
Brazil.....	134,490	107,167	118,126				
Colombia.....	12,595	6,812	9,222	Asia and Oceania:			
Ecuador.....	45,264	46,731	68,456	Indonesia.....	57,361	67,592	104,472
Venezuela.....	5,676	5,341	7,300	Malaysia.....	189,387	169,261	159,976
Total.....	198,025	166,051	203,104	Papua New Guinea.....	38,022	46,618	35,908
				Solomon Islands.....	2,620	3,254	3,513
Africa:				Sri Lanka.....	135	121	168
Benin.....	500	100	100	Vanuatu.....	813	1,573	1,961
Cameroon.....	116,102	85,810	100,000	Western Samoa.....	493	545	204
Comoro Islands.....	50	50	50	Total.....	288,831	288,964	306,202
Congo.....	921	741	1,000				
Equatorial Guinea.....	8,100	6,000	6,000	Grand total.....	1,500,707	1,463,812	1,656,582
Gabon.....	1,842	1,688	1,650				

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 351.—Coffee: Area, yield, production, marketing year average price, and value, Hawaii, 1977-78 to 1991-92

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value	Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977-78.....	2,000	1.1	2,270	1.38	3,133	1985-86.....	1,650	1.1	1,850	2.80	5,180
1978-79.....	1,900	.9	1,680	1.26	2,117	1986-87.....	2,000	1.5	3,000	2.90	8,700
1979-80.....	1,800	1.2	2,190	1.43	3,132	1987-88.....	2,050	.9	1,800	2.70	4,860
1980-81.....	1,700	.9	1,440	1.60	2,304	1988-89.....	2,150	.9	2,000	3.30	6,600
1981-82.....	1,700	1.3	2,210	2.00	4,420	1989-90.....	2,300	1.4	3,200	3.90	12,480
1982-83.....	1,900	.5	990	2.15	2,129	1990-91.....	2,400	1.4	3,350	2.70	9,045
1983-84.....	1,800	1.6	2,800	2.25	6,300	1991-92 ^{1,2}	1,700	1.2	2,000	2.00	4,000
1984-85.....	1,700	1.0	1,750	2.75	4,813						

¹ Preliminary.

² Excluding the island of Kauai in 1991-92.

National Agricultural Statistics Service.

Table 352.—Coffee: United States imports by country of origin, 1989-91 ¹

Continent and country	1989	1990	1991 ²	Continent and country	1989	1990	1991 ²
	1,000 bags	1,000 bags	1,000 bags		1,000 bags	1,000 bags	1,000 bags
North America:				Africa—Con.			
Costa Rica.....	400	403	603	Cote d'Ivoire.....	335	206	54
Dominican Republic.....	402	445	343	Ethiopia.....	432	234	31
El Salvador.....	790	843	868	Kenya.....	182	168	91
Guatemala.....	1,396	1,871	1,489	Madagascar.....	12	2	29
Honduras.....	200	503	243	Rwanda.....	32	238	23
Mexico.....	3,937	3,305	2,993	Uganda.....	458	246	287
Other countries.....	72	81	107	Zaire.....	0	20	4
Total.....	7,197	7,451	6,646	Other countries.....	90	52	44
				Total.....	1,633	1,341	640
South America:				Asia and Oceania:			
Brazil.....	4,155	3,623	5,334	India.....	220	191	82
Colombia.....	2,413	2,771	3,048	Indonesia.....	635	830	536
Ecuador.....	1,158	876	785	Papua, New Guinea.....	32	42	31
Peru.....	672	473	610	Philippines.....	362	107	61
Venezuela.....	87	222	108	Thailand.....	355	1,203	603
Other countries.....	55	15	2	Other countries.....	54	78	13
Total.....	8,540	7,980	9,887	Total.....	1,658	2,451	1,326
Africa:				Other countries.....	354	343	350
Burundi.....	37	81	97	Grand total.....	19,382	19,566	18,849
Cameroon.....	54	94	3				

¹ Green coffee only; does not include roasted or soluble.² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 353.—Coffee: Exports from principal producing countries, 1988-90 ¹

Continent and country of origin	1988	1989	1990 ²	Continent and country of origin	1988	1989	1990 ²
	1,000 bags	1,000 bags	1,000 bags		1,000 bags	1,000 bags	1,000 bags
North America:				Africa—Con.			
Costa Rica.....	2,019	2,302	2,266	Central African Republic.....	242	330	197
Dominican Republic.....	439	530	535	Ethiopia.....	1,408	1,699	1,074
El Salvador.....	2,051	1,616	2,509	Guinea.....	89	99	121
Guatemala.....	2,479	3,068	3,223	Cote d'Ivoire.....	3,660	2,623	4,282
Haiti.....	276	210	202	Kenya.....	1,383	1,790	1,852
Honduras.....	1,263	1,420	1,735	Madagascar.....	675	962	727
Mexico.....	2,775	4,402	3,626	Rwanda.....	499	703	766
Nicaragua.....	549	611	670	Tanzania.....	613	822	1,017
Total.....	11,851	14,159	14,766	Togo.....	330	265	239
				Uganda.....	2,404	2,938	2,333
South America:				Zaire.....	915	1,988	1,701
Brazil.....	17,082	18,378	16,637	Total.....	14,029	15,662	17,004
Colombia.....	9,784	10,826	13,944	Asia and Oceania:			
Ecuador.....	1,404	1,769	1,740	India.....	1,476	2,048	1,864
Peru.....	825	1,431	1,104	Indonesia.....	4,994	5,942	6,387
Venezuela.....	162	180	277	Papua New Guinea.....	748	1,319	1,068
Total.....	29,257	32,584	33,702	Philippines.....	439	431	168
				Thailand.....	461	884	1,004
Africa:				Total.....	8,118	10,624	10,491
Angola.....	178	125	84	Grand total.....	63,255	73,029	75,963
Cameroon.....	1,633	1,318	2,611				

¹ Mostly green coffee, some countries include soluble or roasted.² Preliminary.

Foreign Agricultural Service, International Coffee Organization.

Table 354.—Tea: United States imports by country of origin, 1989-91

Continent and country	1989	1990	1991 ¹	Continent and country	1989	1990	1991 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Asia and Oceania—Con.			
Canada.....	406	166	234	Hong Kong.....	714	646	769
Total.....	406	166	234	India.....	2,914	2,565	2,648
Central and South America:				Indonesia.....	12,293	10,650	13,477
Argentina.....	17,219	17,100	19,457	Japan.....	570	238	340
Brazil.....	4,735	3,882	3,453	Papua New Guinea.....	571	822	1,153
Ecuador.....	445	341	495	Sri Lanka.....	5,693	3,762	3,702
Other countries.....	489	279	385	Other countries.....	4,431	559	579
Total.....	22,888	21,602	23,790	Total.....	47,717	39,485	45,191
Europe:				Africa:			
Germany.....	5,731	4,981	4,834	Kenya.....	6,005	3,996	4,056
Netherlands.....	2,508	2,633	1,839	Malawi.....	1,871	1,585	1,958
United Kingdom.....	404	566	954	Mozambique.....	21	10	259
Other countries.....	230	380	195	Rwanda.....	1,005	794	280
Total.....	8,873	8,510	7,822	South Africa.....	158	75	84
Asia and Oceania:				Tanzania.....	93	91	328
China.....	19,641	19,579	21,859	Other countries.....	545	683	328
Taiwan.....	890	664	644	Total.....	9,698	7,234	7,293
				Grand total.....	89,582	76,997	84,330

¹ Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 355.—Tea: Exports from principal producing countries, 1988-90

Continent and country	1988	1989	1990 ¹	Continent and country	1988	1989	1990 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South America:				Asia and Oceania:			
Argentina.....	34,258	43,335	45,966	Bangladesh.....	26,187	23,426	26,970
Brazil.....	9,686	9,400	9,000	China.....	198,289	204,584	195,471
Ecuador.....	205	858	81	Taiwan.....	7,631	6,745	5,835
Total.....	44,149	53,593	55,047	India.....	200,956	211,622	199,660
Africa:				Indonesia.....	92,687	114,709	110,964
Burundi.....	3,659	3,696	3,802	Japan.....	1,260	671	322
Kenya.....	138,201	163,188	169,586	Malaysia.....	806	850	800
Malawi.....	36,961	39,891	43,039	Papua New Guinea.....	5,842	5,447	5,375
Mauritius.....	5,436	4,638	4,414	Sri Lanka.....	219,710	203,763	215,251
Mozambique.....	830	800	700	Turkey.....	234	24,943	27,654
Rwanda.....	12,218	12,996	10,225	Vietnam.....	14,800	14,700	13,300
Tanzania.....	10,034	12,015	14,908	Total.....	768,402	811,460	801,602
Uganda.....	3,078	3,134	4,760	Grand total.....	1,039,321	1,120,379	1,121,590
Zaire.....	2,163	2,200	2,000				
Zimbabwe.....	14,190	12,768	11,507				
Total.....	226,770	255,326	264,941				

¹ Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics, foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, research, and related information.

Table 356.—Mushrooms: Area, production, marketing year average price, and value, United States, 1978/79–1991/92 ¹

Year ²	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	1,000 sq. ft.	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars
1978–79.....	146,738	454,007	79.7	361,800	217,770	144,030
1979–80.....	150,758	470,069	78.4	368,597	245,201	123,396
1980–81.....	140,346	469,576	79.8	374,499	260,439	114,060
1981–82.....	141,326	517,146	81.0	418,706	308,805	109,901
1982–83.....	135,395	490,826	87.9	431,421	338,048	93,373
1983–84.....	142,810	561,531	86.6	486,388	374,327	112,061
1984–85.....	139,133	595,681	82.9	493,648	392,762	100,886
1985–86.....	129,565	587,956	83.9	493,093	404,914	88,179
1986–87.....	129,496	615,387	86.5	531,658	443,037	88,621
1987–88.....	130,527	631,819	86.1	544,300	444,967	99,333
1988–89.....	132,659	667,759	89.3	596,338	474,675	121,663
1989–90.....	137,861	714,992	90.2	644,738	512,055	132,683
1990–91.....	139,922	749,151	86.5	647,915	501,967	145,948
1991–92.....	136,674	738,832	87.7	648,003	490,912	157,091

¹ Area, production, price, and value estimates are primarily Agaricus, but also include specialty mushrooms through 1986–87. Statistics after 1986–87 are for Agaricus only. ² Marketing year begins July 1 and ends June 30 the following year.

National Agricultural Statistics Service.

Table 357.—Mushrooms, canned: United States imports by country of origin, 1982–91

Country	1982	1983	1984 ¹	1985 ¹	1986 ¹	1987 ¹	1988 ¹	1989 ¹	1990 ¹	1991 ¹
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Canada.....	35	42	5	11	64	31	7	452	1,277	2,193
China.....	16,617	16,639	20,530	20,854	22,021	28,438	23,925	26,267	5,846	14,117
Taiwan.....	17,345	19,289	18,072	22,162	23,763	26,200	11,590	9,327	10,253	8,275
India.....	10	0	8	14	81	4	78	1,325	71	603
Thailand.....	73	21	125	93	238	251	336	788	2,063	2,828
France.....	50	257	798	209	118	92	107	78	184	152
Hong Kong.....	7,379	7,745	10,128	14,073	18,840	9,800	7,518	7,834	10,059	11,826
Netherlands.....	1	335	2,302	1,281	455	233	76	958	1,095	846
Japan.....	114	179	355	283	174	212	58	151	159	57
Korea, Rep. of.....	2,350	3,624	5,283	4,563	3,503	2,037	1,613	813	1,944	87
Macao.....	1,511	1,500	854	546	913	1	0	0	0	0
Indonesia.....	0	1	0	401	970	1,412	3,983	4,235	8,566	11,791
Spain.....	16	1,047	6,967	4,795	1,998	2,201	2,523	3,300	3,527	812
Other.....	109	137	824	464	799	603	680	810	984	1,305
Total.....	45,610	50,816	76,251	69,749	73,937	71,515	52,494	56,338	46,028	54,892

¹ Includes straw mushrooms.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 358.—Specialty mushrooms: Number of growers, total production, volume of sales, price per pound, and value of sales, July 1–June 30 ¹

Year and variety	Growers	All sales			
		Total production ²	Volume of sales ³	Price per pound	Value of sales
	Number	1,000 pounds	1,000 pounds	Dollars	1,000 dollars
1989-90					
Shiitake.....		2,470	2,256	4.05	9,128
Oyster.....		1,402	1,315	2.66	3,494
Other.....		639	585	2.89	1,689
US.....	215	4,511	4,156	3.44	14,311
1990-91					
Shiitake.....		2,556	2,401	3.66	8,776
Oyster.....		1,242	1,203	2.67	3,207
Other.....		773	674	3.14	2,116
US ⁴	228	4,571	4,278	3.30	14,098
1991-92					
Shiitake.....		2,765	2,529	4.11	10,896
Oyster.....		1,211	1,176	3.47	4,079
Other.....		826	734	3.66	2,690
US.....	172	4,802	4,439	3.87	17,165

¹ Specialty mushroom estimates represent growers who have at least 200 natural wood logs or commercial indoor growing area. ² Total production includes all fresh market and processing sales plus amount harvested but not sold (shrinkage, cullage, dumped, etc.). ³ Virtually all specialty mushroom sales are for fresh market. ⁴ States reporting in 1991-92. East: Federal Regions I-IV include CT, DE, FL, KY, MD, MA, MI, NY, NC, PA, TN, VA, VT, and WV. Central: Federal Regions V and VII include IL, IA, MN, MO, OH, and WI. West: Federal Regions VI, VIII, IX, and X include AR, CA, HI, ID, OR, and UT.

National Agricultural Statistics Service.

Table 359.—Cut flowers: Sales and value, United States, 1981-91

Year	Quantity sold	Wholesale price	Value of sales at wholesale ¹	Quantity sold	Wholesale price	Value of sales at wholesale ¹
	Standard carnations			Miniature carnations		
	<i>1,000 Blooms</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 Bunches</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1981.....	345,747	11.8	40,936	5,989	1.60	9,605
1982.....	(²)	(²)	(²)	(²)	(²)	(²)
1983.....	(²)	(²)	(²)	(²)	(²)	(²)
1984.....	292,593	13.0	37,934	10,103	1.46	14,796
1985 ³	289,985	15.9	46,156	11,458	1.68	18,883
1986 ³	258,814	15.1	39,033	11,472	1.44	16,471
1987.....	274,865	14.7	40,479	13,258	1.43	18,995
1988.....	290,047	14.5	42,154	13,233	1.51	20,001
1989.....	248,661	14.6	36,223	12,541	1.42	17,748
1990.....	223,956	15.6	34,943	11,733	1.46	17,186
1991.....	194,807	16.5	32,112	11,033	1.44	15,938
	Standard chrysanthemums			Pompon chrysanthemums ⁴		
	<i>1,000 Blooms</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 Bunches</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1981.....	86,562	26.2	22,698	36,735	1.09	40,021
1982.....	(²)	(²)	(²)	(²)	(²)	(²)
1983.....	(²)	(²)	(²)	(²)	(²)	(²)
1984.....	67,113	33.3	22,335	33,323	1.17	38,846
1985 ³	60,162	42.1	25,345	36,845	1.22	44,805
1986 ³	43,657	35.8	15,625	32,666	1.10	35,822
1987.....	42,752	35.7	15,256	29,088	1.31	38,083
1988.....	44,108	32.9	14,505	30,021	1.27	38,274
1989.....	39,275	36.2	14,214	22,919	1.28	29,295
1990.....	19,003	39.8	7,559	19,327	1.31	25,296
1991.....	22,428	34.3	7,684	20,642	1.19	24,657
	Hybrid Tea roses			Sweetheart roses		
	<i>1,000 Blooms</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 Blooms</i>	<i>Cents</i>	<i>1,000 dollars</i>
1981.....	312,955	28.8	90,036	108,684	19.9	21,603
1982.....	(²)	(²)	(²)	(²)	(²)	(²)
1983.....	(²)	(²)	(²)	(²)	(²)	(²)
1984.....	354,131	30.2	106,761	108,308	22.4	24,231
1985 ³	370,497	34.0	125,925	106,529	24.6	26,213
1986 ³	354,702	35.3	125,038	107,475	24.3	26,166
1987.....	438,184	34.8	152,646	126,437	23.8	30,133
1988.....	440,627	35.3	155,385	124,813	24.3	30,370
1989.....	481,164	35.1	169,002	106,319	25.2	26,775
1990.....	481,587	34.8	167,457	99,675	26.5	26,449
1991.....	456,370	33.9	154,567	88,398	26.2	23,127
	Gladioli			Other cut flowers ⁵		
	<i>1,000 Spikes</i>	<i>Cents</i>	<i>1,000 dollars</i>			<i>1,000 dollars</i>
1981.....	136,004	14.6	19,904			
1982.....	(²)	(²)	(²)			
1983.....	(²)	(²)	(²)			
1984.....	124,812	17.4	21,775			
1985 ³	158,996	16.1	25,555			58,848
1986 ³	170,788	15.5	26,534			75,137
1987.....	200,526	16.2	32,446			111,435
1988.....	199,273	17.0	33,935			123,230
1989.....	175,153	19.4	34,061			155,213
1990.....	163,644	20.2	33,101			155,729
1991.....	165,394	21.1	34,908			155,665

¹ Equivalent wholesale value of all sales. ² 1982-83 data not available because of program reduction. ³ 1985 and 1986 data not comparable with 1984. ⁴ Data for 1979-84 includes a small amount of standard chrysanthemums to avoid disclosure of individual operations. ⁵ Begun in 1985.

National Agricultural Statistics Service.

CHAPTER VI

STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 370 shows the seeding rate for a number of specified crops. The state averages are based on surveys made in 1980. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for States where the crop is not estimated currently.

Table 360.—Hay, all: Area, yield, production, disposition, and value, United States, 1977-91

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Marketing year average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	60,988	2.17	132,211	105,133	27,078	53.70	6,826,411
1978	62,113	2.32	143,817	115,544	28,273	49.80	6,663,678
1979	61,279	2.40	147,307	118,846	29,001	59.40	7,345,466
1980	58,870	2.22	130,740	(²)	(²)	71.00	8,084,666
1981	59,599	2.39	142,520	(²)	(²)	67.30	9,181,300
1982	59,812	2.50	149,241	(²)	(²)	69.30	9,529,516
1983	59,694	2.36	140,738	(²)	(²)	75.80	9,967,208
1984	61,414	2.45	150,582	(²)	(²)	72.70	10,203,921
1985	60,461	2.46	148,719	(²)	(²)	67.60	9,437,282
1986	62,334	2.49	155,385	(²)	(²)	59.70	8,610,996
1987	60,133	2.45	147,457	(²)	(²)	65.00	8,845,395
1988	65,055	1.94	126,010	(²)	(²)	85.20	10,457,326
1989	63,300	2.30	145,512	(²)	(²)	85.40	11,196,699
1990	61,407	2.39	146,820	(²)	(²)	80.60	10,457,288
1991 ¹	62,575	2.45	153,485	(²)	(²)	70.70	9,800,766

¹ Preliminary. ² Series discontinued.
National Agricultural Statistics Service.

Table 361.—Hay, all: Stocks on farms, United States, 1977-92

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1977	77,651	19,540	1985	100,533	26,826
1978	92,136	24,184	1986	96,597	26,731
1979	99,024	30,108	1987	¹ 121,564	32,393
1980	107,707	33,192	1988	118,593	27,074
1981	91,689	25,374	1989	90,312	17,507
1982	99,160	24,981	1990	101,194	27,089
1983	103,996	28,118	1991	104,873	27,023
1984	89,262	20,140	1992 ²	111,578	28,640

¹ Per program modification, hay stocks survey reference data was changed from Jan. 1 to Dec. 1 previous year beginning Dec. 1, 1987. ² Preliminary.
National Agricultural Statistics Service.

Table 362.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1989-91

State	Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AZ.....	150	165	170	7.60	7.90	7.70	1,140	1,304	1,309
AR.....	35	25	30	3.00	3.00	3.00	105	75	90
CA.....	1,020	1,060	1,050	6.70	6.60	6.70	6,834	6,996	7,035
CO.....	750	740	720	3.20	3.50	3.80	2,400	2,590	2,736
CT.....	17	19	19	2.70	2.70	2.70	46	51	51
DE.....	9	8	6	4.10	4.10	3.50	37	33	21
ID.....	930	960	1,030	4.00	3.90	3.80	3,720	3,744	3,914
IL.....	780	660	670	3.70	4.20	3.80	2,886	2,772	2,546
IN.....	400	400	375	3.60	3.90	3.00	1,440	1,560	1,125
LA.....	1,900	1,700	1,500	3.00	3.75	3.70	5,700	6,375	5,550
KS.....	850	800	800	3.60	3.80	3.10	3,060	3,040	2,480
KY.....	380	320	350	3.70	3.40	3.50	1,406	1,088	1,225
LA.....	5	(²)	(²)	2.80	(²)	(²)	14	(²)	(²)
ME.....	20	22	21	2.00	2.40	2.00	40	53	42
MD.....	85	80	75	3.75	3.85	3.00	319	308	225
MA.....	31	29	29	2.65	2.80	2.60	82	81	75
MI.....	1,300	1,250	1,200	3.60	3.90	3.90	4,680	4,875	4,680
MN.....	1,700	1,600	1,700	2.60	3.20	3.70	4,420	5,120	6,290
MO.....	530	480	500	2.80	3.00	2.70	1,484	1,440	1,350
MT.....	1,350	1,350	1,500	2.20	2.50	2.50	2,970	3,375	3,750
NE.....	1,300	1,450	1,450	3.00	3.30	3.30	3,900	4,785	4,785
NV.....	245	240	235	4.40	4.10	3.65	1,078	984	858
NH.....	16	15	15	2.55	2.45	2.30	41	37	35
NJ.....	34	26	28	2.80	3.00	3.10	95	78	87
NM.....	240	250	260	5.10	5.00	4.90	1,224	1,250	1,274
NY.....	840	860	760	2.45	2.55	2.50	2,058	2,193	1,900
NC.....	35	30	40	3.00	2.90	3.00	105	87	120
ND.....	1,500	1,400	1,400	1.00	1.10	1.65	1,500	1,540	2,310
OH.....	725	700	600	3.30	4.00	2.80	2,393	2,800	1,680
OK.....	450	430	400	4.00	3.20	3.30	1,800	1,376	1,320
OR.....	400	420	425	4.30	4.30	4.20	1,720	1,806	1,785
PA.....	820	810	780	2.90	3.00	2.60	2,378	2,430	2,028
RI.....	2	2	2	2.65	2.80	2.40	5	6	5
SD.....	2,000	2,100	2,350	1.20	1.80	2.30	2,400	3,780	5,405
TN.....	90	70	80	3.10	3.60	3.50	279	252	280
TX.....	110	100	100	4.20	4.00	4.50	462	400	450
UT.....	470	485	490	3.70	3.80	4.00	1,739	1,843	1,960
VT.....	105	105	105	2.35	2.40	2.30	247	252	242
VA.....	150	140	130	3.80	4.00	3.40	570	560	442
WA.....	480	470	480	4.30	4.80	4.50	2,064	2,256	2,160
WV.....	70	60	50	2.90	3.20	2.50	203	192	125
WI.....	3,100	3,000	3,000	2.30	2.80	2.80	7,130	8,400	8,400
WY.....	520	570	660	2.30	2.40	2.50	1,196	1,368	1,650
US.....	25,944	25,401	25,585	2.98	3.29	3.28	77,370	83,555	83,795

¹ Preliminary. ² Included in other hay beginning in 1990.

National Agricultural Statistics Service.

Table 363.—Hay, all other: Area, yield, and production, by States, 1989-91

State	Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL.....	700	750	780	2.20	1.50	2.10	1,540	1,125	1,638
AZ.....	35	30	30	4.00	3.90	3.90	140	117	117
AR.....	965	950	1,070	2.20	1.75	2.20	2,123	1,663	2,354
CA.....	650	570	630	2.60	2.30	2.50	1,690	1,311	1,575
CO.....	750	810	780	1.40	1.50	1.70	1,050	1,215	1,326
CT.....	66	67	65	1.90	2.20	1.90	125	147	124
DE.....	16	15	14	2.25	2.30	2.30	36	35	32
FL.....	260	240	230	2.30	2.30	3.00	598	552	690
GA.....	600	570	600	2.70	2.00	3.00	1,620	1,140	1,800
ID.....	190	170	200	1.70	2.00	1.90	323	340	380

See footnotes at end of table.

Table 363.—Hay, all other: Area, yield, and production, by States, 1989-91—Continued

State	Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
IL.....	320	240	280	2.00	2.40	2.20	640	576	616
IN.....	370	300	300	2.50	2.20	2.00	925	660	600
IA.....	500	300	300	1.90	2.40	2.45	950	720	735
KS.....	1,600	1,700	1,700	1.60	1.80	1.50	2,560	3,060	2,550
KY.....	1,950	1,880	1,950	2.10	2.00	2.00	4,095	3,760	3,900
LA.....	295	300	300	2.60	2.20	2.50	767	660	750
ME.....	200	200	200	1.90	1.85	1.70	380	370	340
MD.....	155	145	140	2.00	2.55	2.00	310	370	280
MA.....	72	74	74	2.15	2.05	2.00	155	152	148
MI.....	250	200	250	2.10	2.30	2.30	525	460	575
MN.....	900	800	750	2.20	1.80	2.40	1,980	1,440	1,800
MS.....	650	575	720	2.40	1.80	2.50	1,560	1,035	1,800
MO.....	3,200	3,100	3,200	1.65	1.75	1.80	5,280	5,425	5,760
MT.....	1,000	800	900	1.50	1.40	1.60	1,500	1,120	1,440
NE.....	1,900	2,200	2,150	.95	1.10	1.25	1,805	2,420	2,688
NV.....	275	250	240	1.40	1.50	1.25	385	375	300
NH.....	60	61	61	2.10	2.00	1.90	126	122	116
NJ.....	77	84	86	1.90	2.00	1.90	146	168	163
NM.....	60	70	70	1.80	1.80	1.80	108	126	126
NY.....	1,240	1,120	1,190	2.00	1.95	1.85	2,480	2,184	2,202
NC.....	480	440	480	2.20	2.10	2.20	1,056	924	1,056
ND.....	1,900	2,100	1,900	.80	1.05	1.30	1,520	2,205	2,470
OH.....	900	700	700	2.40	2.60	2.10	2,160	1,820	1,470
OK.....	1,950	1,700	2,000	1.70	1.50	1.60	3,315	2,550	3,200
OR.....	650	600	650	1.80	1.70	1.80	1,170	1,020	1,170
PA.....	1,110	1,090	1,110	2.10	2.10	1.80	2,331	2,289	1,998
RI.....	5	5	5	2.30	2.30	2.20	12	12	11
SC.....	235	240	260	2.40	1.90	2.60	564	456	676
SD.....	2,100	2,100	2,200	.90	1.20	1.20	1,890	2,520	2,640
TN.....	1,610	1,430	1,570	2.00	2.10	1.90	3,220	3,003	2,983
TX.....	3,800	3,800	3,700	2.40	2.00	2.50	9,120	7,600	9,250
UT.....	130	140	150	1.90	2.00	2.10	247	280	315
VT.....	260	260	245	1.95	2.00	1.90	507	520	466
VA.....	1,050	1,020	1,010	1.90	2.00	1.80	1,995	2,040	1,818
WA.....	300	320	300	2.50	2.50	2.70	750	800	810
WV.....	490	500	470	1.70	1.90	1.60	833	950	752
WI.....	500	400	300	1.90	1.80	2.20	950	720	660
WY.....	580	590	680	1.00	1.20	1.50	580	708	1,020
US.....	37,356	36,006	36,990	1.82	1.76	1.88	68,142	63,265	69,690

¹ Preliminary.

National Agricultural Statistics Service.

Table 364.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1977-91

Year beginning May	Farm carry- over May 1	Produc- tion	Total supply	Disap- pearance	Rough- age- consuming animal units	Supply per animal unit	Disap- pearance per animal unit	Price received per ton
	Million tons	Million tons	Million tons	Million tons	Million units	Tons	Tons	Dollars
1977.....	19.5	132.2	151.7	127.5	89.5	1.69	1.42	53.70
1978.....	24.2	143.8	168.0	137.9	86.0	1.95	1.60	49.80
1979.....	30.1	147.3	177.4	144.6	87.5	2.03	1.65	59.40
1980.....	33.2	130.7	163.9	138.5	89.9	1.82	1.54	71.00
1981.....	25.4	142.5	167.9	142.9	91.8	1.83	1.56	67.30
1982.....	25.0	149.2	174.2	146.1	90.2	1.93	1.62	69.30
1983.....	28.1	140.8	168.9	148.8	87.1	1.94	1.71	75.80
1984.....	20.1	150.6	170.7	143.8	83.2	2.05	1.73	72.70
1985.....	26.8	148.7	175.5	148.8	80.5	2.18	1.85	67.60
1986.....	26.7	155.4	182.1	149.9	78.3	2.33	1.91	59.70
1987.....	32.3	147.5	179.8	152.7	76.3	2.36	2.00	65.00
1988.....	27.1	126.0	153.1	135.6	75.5	2.03	1.80	85.20
1989.....	17.5	145.5	163.0	135.9	75.5	2.16	1.80	85.40
1990.....	27.1	146.8	173.9	146.8	75.5	2.30	1.94	80.60
1991 ¹	27.1	153.5	180.6	152.0	76.8	2.35	1.98	71.00

¹ Preliminary.

Economic Research Service.

Table 365.—Hay, all: Marketing Year average price and value of production, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per ton, baled			Value of production		
	1989	1990	1991	1989	1990	1991
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	60.00	61.00	52.50	92,400	68,625	85,995
AZ.....	98.50	96.00	77.50	126,080	135,439	109,836
AR.....	57.50	54.00	54.00	123,609	87,693	119,451
CA.....	100.00	101.00	81.00	828,888	828,531	681,188
CO.....	91.50	80.50	73.00	315,450	303,953	295,863
CT.....	113.00	115.00	109.00	19,460	22,767	19,242
DE.....	102.00	89.50	110.00	7,642	6,087	5,784
FL.....	76.00	78.00	89.00	45,448	43,056	61,410
GA.....	58.50	63.00	59.00	94,770	71,820	106,200
ID.....	78.50	83.00	74.50	318,757	337,786	319,067
IL.....	82.50	70.00	77.00	282,744	233,694	240,640
IN.....	76.00	68.50	79.50	178,463	152,580	136,763
IA.....	80.50	63.50	58.00	538,650	456,390	362,565
KS.....	72.00	61.00	66.50	374,360	335,330	307,580
KY.....	73.50	71.50	70.00	412,918	350,232	366,475
LA.....	54.00	54.00	52.00	41,418	36,640	39,090
ME.....	78.00	77.00	72.00	32,260	32,415	27,706
MD.....	102.00	89.00	110.00	65,533	59,784	55,280
MA.....	111.00	115.00	103.00	26,388	26,895	22,981
MI.....	69.00	63.00	63.00	361,943	339,875	331,225
MN.....	85.50	80.50	63.50	553,710	519,520	486,260
MS.....	45.00	55.00	55.00	70,200	56,925	99,000
MO.....	73.50	63.50	63.00	476,346	414,295	418,365
MT.....	69.50	64.00	52.00	300,900	282,095	264,555
NE.....	75.50	58.00	46.50	430,228	410,548	340,937
NV.....	96.00	99.00	79.50	141,642	133,508	91,935
NH.....	103.00	108.00	101.00	17,180	17,132	15,277
NJ.....	109.00	103.00	103.00	26,665	25,230	26,077
NM.....	110.00	111.00	106.00	146,754	153,840	149,513
NY.....	75.50	77.00	76.00	331,144	328,370	310,393
NC.....	64.00	67.00	57.00	72,282	65,292	65,328
ND.....	70.50	62.50	44.00	202,830	221,673	198,085
OH.....	120.00	99.50	105.00	483,043	425,460	298,095
OK.....	66.50	72.50	60.50	344,468	285,784	265,600
OR.....	88.50	92.00	88.00	245,710	253,062	251,565
PA.....	94.00	98.50	93.50	437,336	462,147	413,130
RI.....	112.00	118.00	114.00	1,883	2,130	1,828
SC.....	67.50	68.50	67.50	38,070	31,236	45,630
SD.....	74.00	60.50	42.00	296,310	350,280	315,513
TN.....	48.50	49.00	52.00	169,452	159,338	172,487
TX.....	75.00	67.50	63.50	582,090	464,600	526,450
UT.....	82.50	79.50	61.50	165,723	173,269	137,935
VT.....	93.00	89.00	88.00	67,041	68,328	62,672
VA.....	84.50	86.50	85.00	225,008	231,780	196,270
WA.....	89.50	91.00	82.50	246,699	277,728	254,880
WV.....	74.50	69.00	81.00	77,260	80,086	70,775
WI.....	74.00	53.00	50.00	608,150	478,680	462,300
WY.....	85.00	75.50	62.00	151,394	156,360	165,660
US.....	85.40	80.60	70.70	11,196,699	10,457,288	9,800,766

National Agricultural Statistics Service.

Table 366.—Hay, all: Area, yield, and production, by States, 1989-91

State	Area harvested			Yield per harvested acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
AL.....	700	750	780	2.20	1.50	2.10	1,540	1,125	1,638
AZ.....	185	195	200	6.92	7.29	7.13	1,280	1,421	1,426
AR.....	1,000	975	1,100	2.23	1.78	2.22	2,228	1,738	2,444
CA.....	1,670	1,630	1,680	5.10	5.10	5.13	8,524	8,307	8,610
CO.....	1,500	1,550	1,500	2.30	2.45	2.71	3,450	3,805	4,062
CT.....	83	86	84	2.06	2.30	2.08	171	198	175
DE.....	25	23	20	2.92	2.96	2.65	73	68	53
FL.....	260	240	230	2.30	2.30	3.00	598	552	690
GA.....	600	570	600	2.70	2.00	3.00	1,620	1,140	1,800
ID.....	1,120	1,130	1,230	3.61	3.61	3.49	4,043	4,084	4,294
IL.....	1,100	900	950	3.21	3.72	3.33	3,526	3,348	3,162
IN.....	770	700	675	3.07	3.17	2.56	2,365	2,220	1,725
IA.....	2,400	2,000	1,800	2.77	3.55	3.49	6,650	7,095	6,285
KS.....	2,450	2,500	2,500	2.29	2.44	2.01	5,620	6,100	5,030
KY.....	2,330	2,200	2,300	2.36	2.20	2.23	5,501	4,848	5,125
LA.....	300	300	300	2.60	2.20	2.50	781	660	750
ME.....	220	222	221	1.91	1.91	1.73	420	423	382
MD.....	240	225	215	2.62	3.01	2.35	629	678	505
MA.....	103	103	103	2.30	2.26	2.17	237	233	223
MI.....	1,550	1,450	1,450	3.36	3.68	3.62	5,205	5,335	5,255
MN.....	2,600	2,400	2,450	2.46	2.73	3.30	6,400	6,560	8,090
MS.....	650	575	720	2.40	1.80	2.50	1,560	1,035	1,800
MO.....	3,730	3,580	3,700	1.81	1.92	1.92	6,764	6,865	7,110
MT.....	2,350	2,150	2,400	1.90	2.09	2.16	4,470	4,495	5,190
NE.....	3,200	3,650	3,600	1.78	1.97	2.08	5,705	7,205	7,473
NV.....	520	490	475	2.81	2.77	2.44	1,463	1,359	1,158
NH.....	76	76	76	2.20	2.09	1.99	167	159	151
NJ.....	111	110	114	2.17	2.24	2.19	241	246	250
NM.....	300	320	330	4.44	4.30	4.24	1,332	1,376	1,400
NY.....	2,080	1,980	1,950	2.18	2.21	2.10	4,538	4,377	4,102
NC.....	515	470	520	2.25	2.15	2.26	1,161	1,011	1,176
ND.....	3,400	3,500	3,300	.89	1.07	1.45	3,020	3,745	4,780
OH.....	1,625	1,400	1,300	2.80	3.30	2.42	4,553	4,620	3,150
OK.....	2,400	2,130	2,400	2.13	1.84	1.88	5,115	3,926	4,520
OR.....	1,050	1,020	1,075	2.75	2.77	2.75	2,890	2,826	2,955
PA.....	1,930	1,900	1,890	2.44	2.48	2.13	4,709	4,719	4,026
RI.....	7	7	7	2.43	2.57	2.29	17	18	16
SC.....	235	240	260	2.40	1.90	2.60	564	456	676
SD.....	4,100	4,200	4,550	1.05	1.50	1.77	4,290	6,300	8,045
TN.....	1,700	1,500	1,650	2.06	2.17	1.98	3,499	3,255	3,263
TX.....	3,910	3,900	3,800	2.45	2.05	2.55	9,582	8,000	9,700
UT.....	600	625	640	3.31	3.40	3.55	1,986	2,123	2,275
VT.....	365	365	350	2.07	2.12	2.02	754	772	708
VA.....	1,200	1,160	1,140	2.14	2.24	1.98	2,565	2,600	2,260
WA.....	780	790	780	3.61	3.87	3.81	2,814	3,056	2,970
WV.....	560	560	520	1.85	2.04	1.69	1,036	1,142	877
WI.....	3,600	3,400	3,300	2.24	2.68	2.75	8,080	9,120	9,060
WY.....	1,100	1,160	1,340	1.61	1.79	1.99	1,776	2,076	2,870
US.....	63,300	61,407	62,575	2.30	2.39	2.45	145,512	146,820	153,485

¹ Preliminary.

National Agricultural Statistics Service.

Table 367.—Hay: Area and production, by kinds, United States, 1977-91

Year	Area harvested			Production		
	Alfalfa	All other hay	All hay	Alfalfa	All other hay	All hay
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons
1977.....	27,150	33,838	60,988	80,814	51,397	132,211
1978.....	27,864	34,249	62,113	87,294	56,523	143,817
1979.....	27,550	33,729	61,279	88,110	59,197	147,307
1980.....	26,174	32,696	58,870	79,963	50,777	130,740
1981.....	26,243	33,356	59,599	83,696	58,824	142,520
1982.....	26,188	33,624	59,812	88,385	60,856	149,241
1983.....	25,710	33,965	59,694	82,255	58,483	140,738
1984.....	26,818	34,596	61,414	90,144	60,438	150,582
1985.....	25,647	34,814	60,461	85,121	63,598	148,719
1986.....	26,911	35,423	62,334	91,865	63,520	155,385
1987.....	25,435	34,698	60,133	84,225	63,232	147,457
1988.....	26,750	38,305	65,055	69,304	56,706	126,010
1989.....	25,944	37,356	63,300	77,370	68,142	145,512
1990.....	25,401	36,006	61,407	83,555	63,265	146,820
1991 ¹	25,585	36,990	62,575	83,795	69,690	153,485

¹ Preliminary.

National Agricultural Statistics Service.

Table 368.—Pasture and range: Condition,¹ first of month, United States, 1977-91

Year	April ²	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber ²
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1977.....	³ 68								
1978.....	⁴ 66	76	74	68	64	71	76	75	⁴ 72
1979.....	³ 68								
1980.....	⁴ 71	75	85	85	77	75	77	73	⁴ 70
1981.....	³ 75								
1982.....	⁴ 77	84	87	86	84	86	81	77	⁴ 75
1983.....	³ 76								
1984.....	⁴ 77	80	81	78	60	61	63	65	⁴ 63
1985.....	³ 70								
1986.....	⁴ 67	79	80	84	82	82	80	80	⁴ 78
1987.....	³ 81								
1988.....	⁴ 81	79	87	90	86	82	81	80	
1989.....		84	85	88	76	63	66	73	
1990.....		75	79	80	75	70	66	74	
1991.....		74	81	77	70	75	76	79	
		79	83	81	77	79	83	85	
			80	83	76	79	79	71	
			84	82	78	76	79	71	
				46	51	54	60	59	
				77	73	72	74	69	
				76	73	71	70	71	
				84	76	72	77	72	

¹ Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought. ² Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin. ³ 30 States (April only). April only discontinued after 1985. ⁴ 37 States (April and December only).

National Agricultural Statistics Service.

Table 369.—Seeding rates: Quantity of seed used per acre for specified crops, by States,¹ 1991

State	Corn ²	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Flaxseed	Sorghum
	<i>Kernels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Pounds</i>	<i>Pounds</i>
AL.....	19,100	1.8			2.9				18.0
AZ.....	29,000	2.3	2.30			2.8			
AR.....	27,300	1.9			2.9				8.3
CA.....	30,000	2.1	2.30		3.0	2.0			
CO.....	29,000	.65		1.60	2.0	1.5	0.65		6.6
CT.....	26,000								
DE.....	21,200	1.9				2.2			
FL.....	19,100	1.6							
GA.....	21,900	2.0			3.1		2.2		17.5
ID.....	29,500	1.3		1.60	2.6	1.9			
IL.....	24,100	1.7			2.5		1.5		11.7
IN.....	23,800	1.8			2.3		1.3		
IA.....	23,900	1.6			2.9				
KS.....	23,600	1.0			2.1	1.3	1.2		5.6
KY.....	22,000	1.8				2.0			15.0
LA.....	26,300	1.6							11.1
ME.....	26,000				2.9				
MD.....	23,200	1.9			2.6	2.3	2.0		
MA.....	26,000								
MI.....	23,200	2.3			2.6	2.1	1.7		
MN.....	25,000	1.5	1.70	1.70	2.9	1.8	1.8	45.0	
MS.....	19,800	1.7							9.1
MO.....	20,900	1.7			2.3				7.8
MT.....	29,000	.95	1.10	1.00	1.8	1.2			
NE.....	22,800	1.1			2.5	1.5	1.2		5.8
NV.....		1.6		1.9		2.3			
NH.....	26,000								
NJ.....	23,500	2.0				2.4	2.0		
NM.....	28,900	.70							8.0
NY.....	25,200	2.3			2.8		2.0		
NC.....	22,600	1.8			2.7	2.1	1.5		13.0
ND.....	20,800	1.1	1.60	1.4	2.0	1.6	1.2	45.0	
OH.....	25,500	2.1			2.6		1.9		
OK.....	23,500	1.2			2.3	1.3	1.4		8.8
OR.....	30,000	1.3		1.6	2.9	1.7			
PA.....	22,700	2.2			2.8	2.3	2.1		
RI.....	26,000								
SC.....	21,100	1.8			2.9	2.1	1.9		13.0
SD.....	17,800	1.1	1.60	1.4	2.6	1.7	1.2	50.0	7.4
TN.....	21,500	2.1							15.0
TX.....	24,000	1.1			2.5	1.0	.90		7.4
UT.....	30,000	1.2		1.5	3.0	2.2			
VT.....	26,000								
VA.....	23,000	1.9				2.2	1.7		
WA.....	31,000	1.1		1.4	2.7	1.6			
WV.....	23,400	1.9			2.5				
WI.....	23,600	1.8		1.8	2.9	2.0	1.6		
WY.....	29,700	.80		1.2	2.2	2.0			
US.....	23,500	1.24	1.59	1.38	2.60	1.64	1.65	45.7	7.09

See footnotes at end of table.

Table 369.—Seeding rates: Quantity of seed used per acre for specified crops, by States,¹ 1991—Continued

State	Soybeans	Dry beans	Sun-flower	Rice	Potatoes (Irish)	Sweet potatoes	Peanuts ³	Cotton ⁴
	<i>Bushels</i>	<i>Pounds</i>	<i>Seeds</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Pounds</i>	<i>Pounds</i>
AL.....	.80				15.1	19.2	98	23
AZ.....					20.0			18
AR.....	.80			121.8				19
CA.....		63		155.0	20.4	5.0		23
CO.....		44			23.3			
CT.....								
DE.....	1.00				15.0			
FL.....	.85				25.7		98	22
GA.....	.80					7.7	105	24
ID.....		92			20.0			
IL.....	1.00				22.0			
IN.....	.97				19.0			
IA.....	.93				14.0			
KS.....	.90	54						20
KY.....	.90							
LA.....	.95			130.0		10.0		18
ME.....					22.0			
MD.....	1.00				14.0	6.6		
MA.....					19.0			
MI.....	1.00	48			20.7			
MN.....	1.00	60	23,200		16.6			
MS.....	.80			105.0		12.0		20
MO.....	.95			115.0	20.0			21
MT.....		60			22.0			
NE.....	.95	54			23.6			
NV.....					20.0			
NH.....								
NJ.....	1.30				18.0	8.0		
NM.....					20.0		92	32
NY.....		83			21.6			
NC.....	.95				18.0	13.0	105	18
ND.....	1.20	52	20,700		15.5			
OH.....	1.20				20.0			
OK.....	.80						83	25
OR.....					22.9			
PA.....	1.40				19.0			
RI.....					20.3			
SC.....	.70					12.0	86	14
SD.....	.93		19,000		17.0			
TN.....	.80				12.8			21
TX.....	.90		16,000	105.0	25.0	13.0	74	31
UT.....		15						
VT.....								
VA.....	1.10				13.5	13.7	105	18
WA.....		83			23.0			
WV.....								
WI.....	1.40				19.0			
WY.....		70			23.0			
US.....	.97	57	20,634	123.44	19.9	10.5	97	25

¹ United States average is rate of seeding weighted by final 1991 area planted, by States except for winter wheat and rye which are weighted by preliminary 1992 area planted in 1991. ² Approximately 1,650 kernels per pound.

³ Shelled basis (multiply by 1.33 obtain unshelled basis).

⁴ Fuzzy, non-delinted equivalent basis.

National Agricultural Statistics Service.

Table 370.—Pasture and range: Condition,¹ June 1 and Sept. 1, by States, average 1980-89, annual 1990 and 1991

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Average 1980-89	1990	1991	Average 1980-89	1990	1991		Average 1980-89	1990	1991	Average 1980-89	1990	1991
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent		Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
AL.....	75	90	98	72	45	84	NV.....	84	70	75	77	63	64
AZ.....	77	43	85	81	70	65	NH.....	91	92	95	87	90	77
AR.....	85	78	89	66	53	82	NJ.....	90	94	90	74	97	80
CA.....	84	50	66	79	43	64	NM.....	72	47	64	82	74	98
CO.....	80	74	79	79	77	89	NY.....	88	91	91	77	83	42
CT.....	90	91	96	80	94	75	NC.....	83	92	94	72	74	91
DE.....	86	100	75	66	90	80	ND.....	70	41	77	63	47	65
FL.....	63	61	88	84	76	85	OH.....	87	90	88	75	97	60
GA.....	69	73	94	67	51	91	OK.....	84	86	77	70	72	67
ID.....	85	79	89	78	67	78	OR.....	88	73	80	80	69	79
IL.....	86	87	97	70	84	62	PA.....	89	90	82	71	90	34
IN.....	87	90	98	75	91	42	RI.....	92	92	95	85	96	70
IA.....	81	94	98	70	92	67	SC.....	69	73	94	67	57	88
KS.....	84	93	84	74	83	61	SD.....	71	78	100	67	71	80
KY.....	87	96	100	75	83	64	TN.....	86	90	89	73	59	81
LA.....	79	83	76	78	56	80	TX.....	71	72	79	59	57	82
ME.....	91	95	90	84	86	71	UT.....	84	58	82	80	53	85
MD.....	88	100	80	65	90	55	VT.....	91	91	96	84	88	72
MA.....	92	93	96	84	89	66	VA.....	89	89	82	75	85	74
MI.....	84	93	95	77	91	70	WA.....	84	83	85	78	82	80
MN.....	80	80	98	72	75	70	WV.....	86	93	88	72	85	60
MS.....	80	81	84	74	55	87	WI.....	83	85	89	76	88	66
MO.....	81	93	99	67	77	47	WY.....	84	88	99	76	88	100
MT.....	75	85	91	69	77	84	US.....	80	79	87	72	71	72
NE.....	82	79	92	74	76	59							

¹ Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.

National Agricultural Statistics Service.

Table 371.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1983-92

Kind of seed	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Price per 100 pounds										
	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Alfalfa, uncertified varieties.....	163.00	156.00	149.00	170.00	173.00	181.00	180.00	157.00	174.00	146.00
Alfalfa, certified varieties.....	208.00	219.00	219.00	219.00	222.00	245.00	249.00	253.00	266.00	252.00
Red clover.....	160.00	145.00	121.00	133.00	160.00	143.00	162.00	145.00	134.00	122.00
Ladino clover.....	346.00	364.00	355.00	339.00	323.00	300.00	294.00	287.00	290.00	316.00
Lespedeza, Korean.....	72.10	85.70	115.00	85.00	68.00	67.50	67.30	62.80	67.70	92.40
Lespedeza, Striate, Kobe.....	103.00	137.00	109.00	78.50	32.00	83.50	82.60	88.40	86.00	99.30
Lespedeza, Sericea.....	91.10	198.00	210.00	193.00	233.00	275.00	167.00	134.00	101.00	92.80
Timothy.....	69.20	69.30	58.80	78.10	107.00	132.00	132.00	82.10	66.40	66.30
Orchardgrass.....	96.10	94.70	80.90	86.90	115.00	116.00	117.00	102.00	101.00	100.00
Blue Grass, Kentucky: Public and common.....	89.00	91.00	103.00	211.00	246.00	244.00	225.00	133.00	109.00	122.00
Proprietary, including Merion.....	150.00	143.00	147.00	230.00	273.00	283.00	275.00	209.00	196.00	189.00
Ryegrass, annual.....	39.20	39.00	37.30	36.10	45.10	47.90	54.30	50.50	46.80	43.80
Tall fescue.....	73.80	72.90	53.10	66.70	107.00	71.80	111.00	85.10	89.00	67.80
Sudangrass.....	45.00	42.40	43.50	44.70	44.20	42.00	45.30	47.70	48.10	47.10
Potatoes.....	6.90	8.76	8.06	6.62	7.95	7.12	10.60	11.00	9.70	6.95
Peanuts.....	60.50	71.60	61.30	66.70	84.10	74.20	74.30	75.70	123.00	77.20
Sunflower.....	211.00	254.00	257.00	258.00	281.00	266.00	277.00	308.00	314.00	300.00
Cottonseed.....	42.80	48.00	48.20	46.60	48.10	47.70	50.10	54.30	58.20	59.70
Grain sorghums, hybrid.....	65.30	64.20	66.10	67.40	63.60	65.70	69.50	69.90	71.20	72.30
Forage sorghums.....										
Price per bushel										
	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Corn, hybrid ¹	64.60	70.20	67.30	65.60	64.90	64.20	71.40	69.90	70.20	71.80
Wheat (spring).....	6.69	6.37	6.10	5.94	5.56	5.89	6.71	6.05	4.72	6.06
Wheat (winter) ²						6.57	7.55	8.01	6.89	7.41
Oats (spring).....	4.37	4.52	4.18	3.63	3.99	4.37	5.89	4.19	3.71	4.26
Barley (spring).....	5.22	5.31	5.10	4.82	4.47	4.58	5.91	5.25	4.55	5.10
Soybeans for seed.....	10.10	13.40	11.90	10.80	11.30	11.90	14.70	12.50	12.80	12.40
Flaxseed.....	9.24	9.82	9.80	8.37	6.11	6.61	11.40	11.00	8.80	7.94

¹ Price per 80,000 kernels. ² Surveyed in Sept., prior to 1986.

National Agricultural Statistics Service.

Table 372.—Beans, dry edible: Area, yield, production, disposition, and value, United States, 1977-91 ^{1 2}

Year	Area planted	Area harvested	Yield per harvested acre ³	Production ³	Used on farms where produced	Sold	Market- ing year average price per 100 pounds received by farmers	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	1,402.7	1,269.9	1,304	16,555	136	16,419	20.20	333,821
1978.....	1,503.9	1,454.4	1,302	18,935	134	18,801	17.30	327,512
1979.....	1,427.0	1,387.7	1,481	20,552	(*)	(*)	22.80	468,098
1980.....	1,920.0	1,859.0	1,438	26,729	(*)	(*)	27.60	737,447
1981.....	2,390.0	2,270.0	1,443	32,751	(*)	(*)	21.00	688,471
1982.....	1,924.5	1,777.0	1,439	25,563	(*)	(*)	14.20	363,809
1983.....	1,180.0	1,138.7	1,363	15,520	(*)	(*)	22.40	347,867
1984.....	1,501.0	1,460.3	1,443	21,070	(*)	(*)	18.70	394,969
1985.....	1,569.9	1,481.4	1,505	22,298	(*)	(*)	17.60	389,376
1986.....	1,653.8	1,495.0	1,536	22,960	(*)	(*)	19.10	436,254
1987.....	1,782.6	1,665.4	1,563	26,031	(*)	(*)	16.50	428,350
1988.....	1,485.4	1,353.0	1,423	19,253	(*)	(*)	29.90	575,148
1989.....	1,824.6	1,650.9	1,437	23,729	(*)	(*)	28.50	676,635
1990.....	2,177.6	2,084.4	1,553	32,379	(*)	(*)	18.50	598,703
1991 ⁵	1,909.1	1,862.7	1,770	32,963	(*)	(*)	15.90	523,627

¹ Figures include principal producing States only.² Excludes beans grown for garden seed.³ Cleaned basis.

* Estimates discontinued.

⁵ Preliminary.

National Agricultural Statistics Service.

Table 373.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1989-91 ¹

Class	1989	1990	1991 ²	Class	1989	1990	1991 ²
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Peas (navy).....	4,457	6,593	7,900	Cranberry.....	165	330	400
Great northern.....	2,122	2,822	2,574	Black turtle soup.....	466	1,092	659
Small white.....	375	321	423	Large lima (CA).....	618	460	594
Pinto.....	9,439	13,650	13,545	Baby lima (CA).....	728	570	975
Red kidney, all.....	1,717	(*)	(*)	Blackeye (CA).....	797	936	962
Red kidney, light.....	(*)	1,247	990	Garbanzo.....	35	27	26
Red kidney, dark.....	(*)	1,097	1,240	Other.....	876	1,391	1,102
Pink.....	1,235	1,195	822	Total.....	23,729	32,379	32,963
Small red.....	699	648	751				

¹ Excludes beans grown for garden seed.² Preliminary.³ Discontinued in 1990.⁴ Estimates begun in 1990.

National Agricultural Statistics Service.

Table 374.—Beans, dry edible: Area, yield, and production, by States, 1989-91 ¹

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
CA.....	185.0	175.00	147.0	180.0	166.0	144.0	1,865	1,842	2,172	3,357	3,058	3,127
CO.....	195.0	245.0	180.0	185.0	225.0	170.0	1,680	1,900	1,950	3,108	4,275	3,315
ID.....	170.0	180.0	145.0	168.0	178.0	143.0	2,050	2,000	2,050	3,444	3,560	2,932
KS.....	24.0	40.0	34.0	21.0	38.0	32.0	1,550	1,750	1,700	326	665	544
MI.....	300.0	350.0	350.0	265.0	330.0	345.0	1,500	1,650	1,800	3,975	5,445	6,210
MN.....	82.0	140.0	125.0	70.0	136.0	120.0	1,300	1,300	1,650	910	1,768	1,980
MT.....	6.0	13.5	9.0	5.9	13.0	8.3	2,200	1,690	1,900	130	220	158
NE.....	220.0	260.0	215.0	208.0	254.0	211.0	1,680	1,970	1,900	3,494	5,004	4,009
NM.....	15.0	14.5	16.0	14.0	14.0	16.0	2,000	1,650	2,000	280	231	320
NY.....	32.0	41.0	36.0	31.0	39.5	35.0	1,450	1,700	1,380	450	672	483
ND.....	500.0	570.0	520.0	410.0	550.0	510.0	600	910	1,480	2,460	5,005	7,548
OR ³		9.1	7.1		9.0	7.0		2,000	2,100		180	147
TX ³		25.0	16.0		21.0	14.0		1,050	1,120		221	157
UT.....	5.6	5.5	6.0	5.0	4.0	5.5	300	330	480	15	13	26
WA.....	44.0	48.0	50.0	43.0	47.0	50.0	2,160	1,940	2,000	929	912	1,000
WI ³		11.0	11.0		10.9	10.9		1,700	1,900		185	207
WY.....	46.0	50.0	42.0	45.0	49.0	41.0	1,890	1,970	1,950	851	965	800
US.....	1,824.6	2,177.6	1,909.1	1,650.9	2,084.4	1,862.7	1,437	1,553	1,770	23,729	32,379	32,963

¹ Excludes beans grown for garden seed. ² Preliminary. ³ Estimates were begun 1990.
National Agricultural Statistics Service.

Table 375.—Beans, dry edible (cleaned basis): Marketing year average price and value of production, by States, crop of 1989, 1990, and 1991 ¹

State	Marketing year average price per cwt.			Value of production		
	1989	1990	1991 ²	1989	1990	1991 ²
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
CA.....	34.80	30.90	28.00	116,824	94,492	87,556
CO.....	30.40	15.90	13.30	94,483	67,973	44,090
ID.....	28.30	17.60	14.60	97,465	62,656	42,807
KS.....	32.00	15.40	13.10	10,432	10,241	7,126
MI.....	26.30	18.20	16.00	104,543	99,099	99,360
MN.....	25.80	18.90	15.40	23,478	33,415	30,492
MT.....	27.50	13.60	13.00	3,575	2,992	2,054
NE.....	26.10	16.90	14.90	91,193	84,568	59,734
NM.....	34.50	22.50	17.00	9,660	5,198	5,440
NY.....	31.30	16.00	20.50	14,085	10,752	9,902
ND.....	24.80	15.50	12.50	61,008	77,578	94,350
OR ³		20.00	18.60		3,600	2,734
TX ³		25.00	12.70		5,525	1,994
UT.....	31.70	19.00	16.00	476	247	416
WA.....	25.80	20.40	19.30	23,968	18,605	19,300
WI ³		30.00	24.50		5,550	5,072
WY.....	29.90	16.80	14.00	25,445	16,212	11,200
US.....	28.50	18.50	15.90	676,635	598,703	523,627

¹ Excludes beans grown for garden seed. ² Preliminary. ³ Estimates were begun in 1990.
National Agricultural Statistics Service.

Table 376.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1977-91

Year beginning September	F.o.b. California points				F.o.b. Northern Colorado points: Pinto	F.o.b. Western Nebraska points: Great northern	F.o.b. Southern Idaho points: Small reds	F.o.b. Michigan points: Pea bean (Navy)
	Baby lima	Large lima	Blackeye	Light red kidney				
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1977.....	20.41	31.45	23.00	37.92	23.25	23.80	22.55	22.10
1978.....	22.27	37.05	25.95	22.90	21.65	23.56	25.14	18.89
1979.....	21.13	43.58	24.22	31.22	31.76	27.25	33.06	22.74
1980.....	39.25	40.68	31.52	34.46	35.51	35.13	35.87	33.47
1981.....	26.78	36.92	31.17	31.39	17.82	26.62	21.04	31.88
1982.....	28.61	32.65	23.19	22.05	15.06	20.15	18.78	17.20
1983.....	26.60	51.07	30.33	38.47	21.84	23.47	22.28	26.49
1984.....	23.44	43.40	24.47	30.31	20.72	19.36	23.66	22.77
1985.....	20.38	23.40	22.84	26.80	22.09	27.02	23.24	18.56
1986.....	21.91	25.85	34.84	33.22	19.22	24.53	19.61	43.22
1987.....	38.75	41.16	25.46	26.18	20.22	23.07	22.68	20.93
1988.....	40.16	45.81	28.28	50.42	37.64	30.48	34.06	37.65
1989.....	33.67	43.06	31.14	42.95	40.51	32.95	33.45	29.82
1990.....	37.61	45.98	31.73	27.01	21.19	21.94	31.16	20.41
1991 ¹	25.02	41.96	25.20	30.93	17.88	19.16	25.57	17.31

¹ Preliminary.

Economic Research Service. Compiled from the Bean Market Summary (formerly Bean Market Review), Agricultural Marketing Service, U.S. Department of Agriculture, Denver, Colorado.

Table 377.—Beans, dry edible: United States exports to specified countries, 1987/88-1990/91^{1 2}

Continent and country	1987/88	1988/89	1989/90	1990/91	Continent and country	1987/88	1988/89	1989/90	1990/91
	Metric tons	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons	Metric tons
North America:					Europe—Continued				
Canada.....	8,469	8,757	7,940	3,434	Italy.....	7,676	5,124	8,610	13,404
Dominican Republic..	10,553	9,610	14,221	15,934	Netherlands.....	8,572	25,478	30,841	32,237
French West Indies...	802	428	964	1,284	Spain.....	3,339	6,221	3,255	5,125
Mexico.....	6,175	46,197	88,454	138,079	United Kingdom.....	61,774	76,175	71,020	81,254
Panama.....	2,714	1,402	2,614	1,030	Total.....	132,060	148,041	144,842	201,435
Trinidad and Tobago.....	1,395	1,207	1,205	1,489	Asia, Middle East, and Africa:				
³ Total.....	51,158	74,212	119,401	176,945	Israel.....	471	179	219	3,368
South America:					Japan.....	27,019	30,349	25,777	25,068
Brazil.....	0	6,246	2,463	3,478	Philippines.....	1,530	1,707	1,851	2,525
Colombia.....	3,130	411	31	16	Iraq.....	22,394	12,944	14,448	0
Venezuela.....	8,733	5,150	7,953	10,874	Algeria.....	29,084	21,579	23,324	35,548
Total.....	12,134	12,130	10,742	20,689	Total.....	146,591	98,227	102,812	125,620
Europe:					Oceania:				
Belgium and Luxembourg.....	5,068	5,489	5,447	10,138	Australia.....	3,745	3,518	4,930	5,522
France.....	27,707	16,136	11,365	19,515	Other countries.....				
Germany, Fed. Rep. of.....	6,299	7,600	2,577	11,848		834	1,969	1,627	1,134
					Grand total.....	346,585	339,343	384,355	531,341

¹ Marketing year beginning previous September. ² Excluding seed bean exports.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

³ Regional totals include countries not listed.

Table 378.—Beans, dry edible: United States exports by class and quantity, 1977-91

Year ¹	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other ²	Seed	Total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977	32,822	41,178	1,707	29,893	11,424	66,627	6,282	189,933
1978	81,348	39,699	3,585	32,187	10,189	65,933	6,267	239,208
1979	65,225	48,385	4,651	43,746	17,365	69,229	5,715	254,316
1980	73,118	50,379	5,001	92,249	38,190	60,928	9,261	329,126
1981	100,870	64,204	6,227	316,616	25,911	137,959	13,506	665,293
1982	79,820	79,199	5,395	383,641	21,689	196,804	10,876	768,424
1983	88,789	68,844	4,488	14,301	20,535	78,355	8,894	284,206
1984	62,385	38,491	4,740	24,975	21,147	73,232	10,224	235,744
1985	62,533	55,022	3,368	65,107	13,268	57,100	14,764	271,262
1986	80,502	41,412	4,268	66,115	15,238	58,765	13,910	210,265
1987	89,886	57,339	3,491	155,138	19,330	67,032	19,160	411,276
1988	80,928	68,892	3,206	82,969	28,283	66,250	16,114	340,582
1989	72,179	76,580	3,826	70,446	21,616	81,313	12,137	338,097
1990	82,814	55,558	2,168	102,563	25,945	115,307	14,911	384,354
1991	123,449	56,984	6,651	191,706	34,124	118,427	.....	531,341

¹ Marketing year beginning previous September. ² Includes other colored, black turtle, blackeye, and limas.
n.a. not available.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 379.—Peas, dry field: United States exports to specified countries, 1987/88-1990/91 ^{1 2}

Continent and country	1987/ 88	1988/ 89	1989/ 90	1990/ 91	Continent and country	1987/ 88	1988/ 89	1989/ 90	1990/ 91
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:					Europe—Continued				
Canada	678	1,561	2,279	2,008	Italy	685	794	773	673
Mexico	866	1,282	1,649	1,600	Netherlands	3,608	3,590	316	193
Panama	296	284	326	225	Norway	336	155	283	181
Trinidad and Tobago	312	581	200	106	Sweden	79	46	9	5
Total	2,915	12,308	9,419	10,129	Switzerland	177	0	24	0
South America:					United Kingdom	5,917	4,979	7,675	4,989
Brazil	1,161	0	32	0	Spain	1,370	1,410	801	951
Colombia	11,679	11,238	5,591	591	Total	13,366	11,974	10,595	7,637
Peru	7,184	5,429	7,339	11,298	Asia and Middle East:				
Venezuela	13,428	5,736	10,319	1,475	Hong Kong	299	282	283	123
Total	34,211	23,579	23,572	13,298	Israel	427	351	308	163
Europe:					Japan	6,952	4,811	5,079	6,685
Belgium and Luxembourg	111	54	105	114	Philippines	2,890	10,526	18,054	9,010
Germany, Fed. Rep. of	541	396	230	99	India	31,093	34,613	38,577	13,244
Iceland	220	155	281	229	Total	61,487	63,662	87,752	35,764
					Other countries	5,181	2,385	17,323	4,222
					Grand total	117,519	113,909	148,665	71,289

¹ Marketing year beginning previous September. ² Excluding seed pea exports. ³ Regional totals include countries not listed.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 380.—Hops: Marketing year average price and value of production, by States, crop of 1989, 1990, and 1991

State	Marketing year average price per pound			Value of production		
	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
ID.....	1.26	1.50	1.62	5,154	6,075	8,798
OR.....	1.58	1.63	1.71	18,737	17,707	17,397
WA ²	1.33	1.44	1.67	57,691	60,396	89,430
Total.....	1.38	1.48	1.67	81,582	84,178	115,625

¹ Preliminary. ² Includes small quantity of CA hops.
National Agricultural Statistics Service.

Table 381.—Hops: Area, yield, and production, by States, 1989-91

State	Area harvested			Yield per acre			Production		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
ID.....	2,800	2,700	4,118	1,461	1,500	1,319	4,090.6	4,050.0	5,430.8
OR.....	7,412	7,100	7,190	1,600	1,530	1,415	11,859.0	10,863.0	10,173.9
WA.....	24,336	25,663	28,245	1,782	1,634	1,896	43,376.8	41,941.8	53,550.7
US.....	34,548	35,463	39,553	1,717	1,603	1,748	59,326.4	56,854.8	69,155.4

¹ Preliminary. ² Includes small quantity of CA hops.
National Agricultural Statistics Service.

Table 382.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1977-91

Year	Area harvested	Yield per acre	Production ¹	Sales	Marketing year average price per pound received by farmers	Value of production	Stocks Sept. 1
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>
1977.....	30.5	1,796	54,777	54,777	89.6	49,095	50,480
1978.....	30.9	1,782	55,071	54,856	90.1	49,599	47,540
1979.....	31.8	1,727	54,929	54,929	97.6	53,614	38,290
1980.....	37.1	2,037	75,560	(²)	151.0	114,194	32,800
1981.....	43.1	1,836	79,144	(²)	151.0	119,220	34,430
1982.....	39.6	1,980	78,558	(²)	174.0	136,884	47,030
1983.....	36.9	1,850	68,111	(²)	193.0	131,483	61,080
1984.....	30.8	1,820	56,167	(²)	210.0	117,701	68,096
1985.....	28.1	1,770	49,713	(²)	203.0	101,046	70,460
1986.....	25.0	1,960	48,962	(²)	178.0	87,257	70,950
1987.....	28.3	1,770	50,048	(²)	151.0	75,578	70,630
1988.....	33.4	1,638	54,696	(²)	140.0	76,415	60,000
1989.....	34.5	1,717	59,326	(²)	138.0	81,582	51,700
1990.....	35.5	1,603	56,855	(²)	148.0	84,178	51,890
1991 ³	39.6	1,748	69,155	(²)	167.0	115,625	54,200

¹ Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 215 in 1978; 888 in 1980; 90 in 1981; 5 in 1982; 1,020 in 1983; 10 in 1984; and 40 in 1985. ² Series discontinued. ³ Preliminary.

National Agricultural Statistics Service.

Table 383.—Hops: United States exports by country of destination and imports by country of origin, 1988/89–1991/92

Item and country	Year beginning September				Item and country	Year beginning September			
	1988/ 89	1989/ 90	1990/ 91	1991/ 92		1988/ 89	1989/ 90	1990/ 91	1991/ 92
EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	EXPORTS	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:					Other countries:				
Belgium/ Luxembourg.....	105	242	256		Canada.....	3,700	1,663	1,204	
Germany, Fed. Rep. of.....	1,680	1,961	1,669		Japan.....	149	166	122	
Ireland.....	149	181	121		Nigeria.....	169	43	11	
United Kingdom.....	278	151	308		South Africa.....	68	23	50	
Other countries.....	325	292	416		Other countries.....	958	1,450	901	
Total.....	2,537	2,827	2,770		Total.....	5,044	3,345	2,288	
Latin America:					Grand total.....	12,693	14,508	9,224	
Argentina.....	0	27	67		IMPORTS				
Brazil.....	2,904	4,123	2,883		Australia.....	3	139	167	
Chile.....	63	80	104		Belgium/Luxembourg...	11	40	43	
Colombia.....	643	2,543	127		Canada.....	180	409	349	
Guatemala.....	55	55	51		Czechoslovakia.....	345	1,162	1,073	
Mexico.....	1,195	1,144	647		France.....	268	254	200	
Peru.....	105	131	31		Germany, Fed. Rep. of..	4,113	5,245	4,665	
Uruguay.....	11	14	18		Poland.....	472	272	236	
Venezuela.....	49	87	85		United Kingdom.....	3	1	35	
Other countries.....	87	114	153		Yugoslavia.....	158	187	131	
Total.....	5,112	8,318	4,166		China (Mainland).....	0	28	2,428	
					Other countries.....	41	80	68	
					Total.....	5,594	7,817	9,395	

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

CHAPTER VII

STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

Table 384.—All cattle and calves: Number and value, United States, Jan. 1, 1977-92

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	122,810	206.00	25,249,390	1985	109,582	402.00	44,006,068
1978	116,375	232.00	27,030,385	1986	105,378	391.00	41,230,884
1979	110,864	403.00	44,697,773	1987	102,118	407.00	41,567,085
1980	111,242	502.00	55,844,204	1988	99,622	523.00	52,147,608
1981	114,351	473.00	54,123,534	1989	98,065	580.00	56,907,654
1982	115,444	415.00	47,905,367	1990	98,162	614.00	60,285,432
1983	115,001	406.00	46,708,350	1991	98,896	654.00	64,661,865
1984	113,360	396.00	44,835,025	1992 ¹	100,110	629.00	63,016,005

¹ Preliminary.

National Agricultural Statistics Service.

Table 385.—All cattle and calves: Number, by classes, United States, Jan. 1, 1977-92

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Calves under 500 pounds
		Beef cows	Milk cows	Heifers			Steers	Bulls	
				Beef cow replacements	Milk cow replacements	Other			
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>
1977	122,810	41,443	10,998	6,527	3,887	8,048	16,884	2,664	32,360
1978	116,375	38,738	10,896	5,858	3,886	7,949	16,868	2,538	29,643
1979	110,864	37,062	10,790	5,527	3,932	7,445	16,442	2,403	27,263
1980	111,242	37,107	10,758	5,942	4,159	7,132	16,049	2,492	27,603
1981	114,351	38,773	10,849	6,137	4,342	7,280	15,521	2,547	28,903
1982	115,444	39,230	10,986	6,607	4,547	7,190	15,497	2,611	28,777
1983	115,001	37,940	11,047	6,336	4,545	7,965	16,214	2,609	28,346
1984	113,360	37,494	11,109	6,183	4,532	7,851	16,371	2,549	27,611
1985	109,582	35,370	10,805	5,542	4,760	8,056	16,369	2,411	26,436
1986	105,378	33,638	11,177	5,149	4,761	8,090	15,967	2,261	24,431
1987	102,118	33,779	10,502	5,164	4,331	7,561	15,304	2,204	23,154
1988	99,622	33,183	10,311	5,249	4,122	7,869	15,704	2,175	21,008
1989	98,065	33,125	10,212	5,386	4,161	7,603	15,497	2,182	19,899
1990	98,162	33,200	10,153	5,418	4,227	8,028	15,911	2,195	19,031
1991	98,896	33,271	10,156	5,605	4,220	8,357	16,369	2,228	18,691
1992 ¹	100,110	33,834	9,904	5,747	4,200	8,677	16,750	2,280	18,718

¹ Preliminary.

National Agricultural Statistics Service.

Table 386.—All cattle and calves: Number and value, by States, Jan. 1, 1990-92

State	Number			Value					
	1990	1991	1992 ¹	Value per head			Total value		
				1990	1991	1992 ¹	1990	1991	1992 ¹
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
AL.....	1,750	1,800	1,800	500.00	545.00	530.00	875,000	981,000	954,000
AK.....	8.2	8.0	8.5	635.00	625.00	610.00	5,207	5,000	5,185
AZ.....	830	840	900	585.00	620.00	595.00	485,550	520,800	535,500
AR.....	1,700	1,690	1,710	505.00	560.00	565.00	858,500	946,400	966,150
CA.....	4,800	4,600	4,500	705.00	735.00	735.00	3,384,000	3,381,000	3,307,500
CO.....	2,900	2,750	2,950	615.00	710.00	640.00	1,783,500	1,952,500	1,888,000
CT.....	76	74	73	740.00	735.00	725.00	56,240	54,390	52,925
DE.....	31	28	31	700.00	760.00	710.00	21,700	21,280	22,010
FL.....	1,925	1,900	1,940	555.00	605.00	615.00	1,068,375	1,149,500	1,193,100
GA.....	1,400	1,420	1,470	525.00	550.00	540.00	735,000	781,000	793,800
HI.....	205	214	200	385.00	460.00	435.00	78,925	98,440	87,000
ID.....	1,660	1,740	1,760	640.00	680.00	645.00	1,062,400	1,183,200	1,135,200
IL.....	1,950	2,000	1,980	625.00	655.00	625.00	1,218,750	1,310,000	1,237,500
IN.....	1,250	1,225	1,280	585.00	620.00	605.00	731,250	759,500	774,400
IA.....	4,500	4,700	4,450	635.00	670.00	615.00	2,857,500	3,149,000	2,736,750
KS.....	5,700	5,700	5,650	575.00	620.00	600.00	3,277,500	3,534,000	3,390,000
KY.....	2,420	2,500	2,580	565.00	610.00	565.00	1,367,300	1,525,000	1,457,700
LA.....	1,050	1,020	1,000	545.00	575.00	600.00	572,250	586,500	600,000
ME.....	116	119	114	700.00	685.00	675.00	81,200	81,515	76,950
MD.....	315	320	315	755.00	770.00	740.00	237,825	246,400	233,100
MA.....	71	70	70	740.00	725.00	725.00	52,540	50,750	50,750
MI.....	1,225	1,200	1,200	705.00	750.00	735.00	863,625	900,000	882,000
MN.....	2,600	2,760	2,800	705.00	695.00	655.00	1,833,000	1,918,200	1,834,000
MS.....	1,370	1,290	1,350	515.00	535.00	550.00	705,550	690,150	742,500
MO.....	4,400	4,400	4,550	595.00	615.00	575.00	2,618,000	2,706,000	2,616,250
MT.....	2,300	2,330	2,550	675.00	755.00	720.00	1,552,500	1,759,150	1,836,000
NE.....	5,800	6,000	5,800	595.00	685.00	635.00	3,451,000	4,110,000	3,683,000
NV.....	570	540	570	560.00	630.00	610.00	319,200	340,200	347,700
NH.....	46	46	46	730.00	740.00	730.00	33,580	34,040	33,580
NJ.....	70	70	70	795.00	795.00	845.00	55,650	55,650	59,150
NM.....	1,360	1,340	1,400	590.00	615.00	620.00	802,400	824,100	868,000
NY.....	1,540	1,550	1,560	820.00	795.00	795.00	1,262,800	1,232,250	1,240,200
NC.....	900	950	1,000	535.00	570.00	515.00	481,500	541,500	515,000
ND.....	1,700	1,700	1,850	670.00	735.00	685.00	1,139,000	1,249,500	1,267,250
OH.....	1,650	1,580	1,600	645.00	690.00	650.00	1,064,250	1,090,200	1,040,000
OK.....	5,250	5,550	5,500	510.00	550.00	560.00	2,677,500	3,052,500	3,080,000
OR.....	1,400	1,480	1,420	605.00	640.00	595.00	847,000	947,200	844,900
PA.....	1,860	1,820	1,870	745.00	770.00	765.00	1,385,700	1,401,400	1,430,550
RI.....	7.0	7.0	7.0	680.00	675.00	665.00	4,760	4,725	4,655
SC.....	590	580	600	500.00	530.00	530.00	295,000	307,400	318,000
SD.....	3,380	3,400	3,550	650.00	720.00	655.00	2,197,000	2,448,000	2,325,250
TN.....	2,300	2,250	2,290	525.00	560.00	530.00	1,207,500	1,260,000	1,213,700
TX.....	13,200	13,300	13,600	585.00	630.00	605.00	7,722,000	8,379,000	8,228,000
UT.....	780	810	800	665.00	670.00	660.00	518,700	542,700	528,000
VT.....	297	280	275	815.00	820.00	840.00	242,055	229,600	231,000
VA.....	1,700	1,730	1,750	530.00	590.00	580.00	901,000	1,020,700	1,015,000
WA.....	1,330	1,340	1,450	695.00	735.00	705.00	924,350	984,900	1,022,250
WV.....	490	515	550	535.00	545.00	585.00	262,150	280,675	321,750
WI.....	4,170	4,170	4,000	795.00	765.00	770.00	3,315,150	3,190,050	3,080,000
WY.....	1,220	1,190	1,320	650.00	710.00	690.00	793,000	844,900	910,800
US.....	98,162	98,896	100,110	614.00	654.00	629.00	60,285,432	64,661,865	63,016,005

¹ Preliminary.

National Agricultural Statistics Service.

Table 387.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1991 and 1992

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1991	1992 ¹	1991	1992 ¹	1991	1992 ¹	1991	1992 ¹	1991	1992 ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
AL.....	917	867	43	43	140	158	14	16	51	66
AK.....	2.5	2.7	1.1	0.8	0.7	0.5	0.3	0.3	0.1	0.1
AZ.....	249	279	96	96	45	46	20	20	13	15
AR.....	848	872	69	69	135	140	23	22	46	48
CA.....	880	850	1,150	1,160	145	140	535	540	185	190
CO.....	773	823	77	77	143	150	30	35	587	635
CT.....	7	6	33	33	1	2	14	13	1	1
DE.....	3	4	9	9	1	1	3	4	1	2
FL.....	1,065	1,076	185	179	150	145	80	30	20	10
GA.....	657	685	113	105	98	104	44	44	43	46
HI.....	80	77	11	10	18	15	9	5	20	15
IL.....	545	552	185	178	100	95	90	85	160	195
IN.....	570	571	195	189	70	72	70	78	310	285
IA.....	345	380	155	145	50	47	65	71	100	92
IN.....	1,138	1,117	302	303	190	160	135	135	715	715
KS.....	1,325	1,335	98	95	194	225	38	40	1,051	1,055
KY.....	1,100	1,110	200	190	185	200	80	70	80	100
LA.....	570	551	80	79	92	94	21	22	20	15
ME.....	19	17	41	41	5	4	18	18	3	2
MD.....	53	55	106	102	12	13	41	41	11	12
MA.....	11	11	30	30	3	3	8	9	1	1
MI.....	107	106	343	338	29	30	158	159	38	45
MN.....	375	375	690	675	72	70	325	315	228	230
MS.....	707	700	63	60	121	128	21	23	20	24
MO.....	1,980	2,050	230	220	345	330	105	110	190	200
MT.....	1,376	1,466	24	24	323	350	8	8	168	202
NE.....	1,797	1,750	103	100	245	230	35	35	1,190	1,115
NV.....	290	297	20	18	40	40	8	7	32	33
NH.....	4	3	20	21	2	2	8	8		
NJ.....	13	12	25	25	2	3	13	11	1	2
NM.....	571	537	89	93	79	90	18	22	73	77
NY.....	65	70	775	755	22	25	322	312	36	44
NC.....	389	417	101	98	76	98	36	38	19	19
ND.....	875	880	85	80	130	140	30	30	140	180
OH.....	370	370	340	330	65	67	160	163	90	85
OK.....	1,840	1,921	100	99	300	280	35	35	555	480
OR.....	600	590	100	100	120	115	45	42	90	93
PA.....	184	207	686	673	43	45	280	295	47	48
RI.....	1.4	1.3	2.2	2.2	0.3	0.3	1.2	1.2		
SC.....	276	287	34	33	50	52	16	15	17	19
SD.....	1,493	1,508	137	132	207	235	34	35	389	420
TN.....	975	975	195	195	190	190	60	50	75	65
TX.....	5,310	5,475	390	375	880	900	100	80	1,120	1,320
UT.....	321	324	80	76	58	58	52	48	36	39
VT.....	14	12	164	163	3	3	49	47	1	1
VA.....	714	720	141	140	120	120	80	80	68	77
WA.....	375	402	241	238	82	75	110	125	115	130
WV.....	266	272	24	23	45	61	10	10	18	21
WI.....	175	175	1,765	1,675	33	35	810	795	90	80
WY.....	650	691	10	9	145	160	2	2	93	128
US.....	33,271	33,834	10,156	9,904	5,605	5,747	4,220	4,200	8,357	8,677

See footnotes at end of table.

Table 387.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1991 and 1992—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Calves under 500 pounds	
	1991	1992 ¹	1991	1992 ¹	1991	1992 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
AL.....	95	112	65	63	475	475
AK.....	0.5	0.5	1.2	1.6	1.6	1.7
AZ.....	235	217	26	27	156	200
AR.....	71	84	53	50	445	425
CA.....	620	630	70	70	1,015	920
CO.....	812	930	48	50	280	250
CT.....	2	2	1	1	15	15
DE.....	6.8	4.7	2	3	4	6
FL.....	25	20	65	65	360	415
GA.....	60	69	45	47	360	370
HI.....	28	20	6	5	42	53
ID.....	340	365	40	40	280	250
IL.....	350	375	35	35	400	375
IN.....	180	190	25	25	305	330
IA.....	1,200	1,170	80	75	940	775
KS.....	2,120	1,995	68	75	806	830
KY.....	170	225	70	73	615	612
LA.....	23	15	34	34	180	190
ME.....	5	4	2	2	26	26
MD.....	35	30	4	4	58	58
MA.....	3	2	2	2	12	12
MI.....	268	252	17	18	240	252
MN.....	430	485	45	35	595	615
MS.....	43	45	49	50	266	320
MO.....	430	430	110	110	1,010	1,100
MT.....	182	220	79	85	170	195
NE.....	1,740	1,710	90	90	800	770
NV.....	40	58	15	16	95	106
NH.....	2	2	1	1	9	9
NJ.....	3	4	2	2	11	11
NM.....	208	244	40	37	262	300
NY.....	34	48	18	19	278	287
NC.....	50	45	29	30	250	255
ND.....	210	280	45	50	185	210
OH.....	215	220	38	35	302	330
OK.....	1,460	1,390	110	125	1,150	1,170
OR.....	166	163	39	42	320	275
PA.....	205	205	29	30	346	367
RI.....	4	0.4	1	0.1	1.4	1.5
SC.....	32	32	20	21	135	141
SD.....	590	640	71	78	479	502
TN.....	112	110	60	65	583	640
TX.....	2,600	2,700	400	410	2,500	2,340
UT.....	109	107	19	20	135	128
VT.....	3	3	3	3	43	43
VA.....	150	155	42	43	415	415
WA.....	230	251	27	29	160	200
WV.....	45	55	17	16	90	92
WI.....	315	285	32	35	950	920
WY.....	115	155	40	40	135	135
US.....	16,369	16,750	2,228	2,280	18,691	18,718

¹ Preliminary.

National Agricultural Statistics Service.

Table 388.—Cattle and buffalo: Number in specified countries, 1990-92 ¹

Country	1990	1991	1992 ²
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Argentina.....	50,582	50,080	50,029
Australia.....	24,673	25,027	25,075
Austria.....	2,562	2,584	2,513
Belgium-Luxembourg.....	3,259	3,378	3,287
Brazil.....	130,850	131,275	130,700
Bulgaria.....	1,577	1,457	1,310
Canada.....	11,147	11,198	11,400
China (Mainland).....	100,752	102,884	104,214
Colombia.....	16,835	16,225	16,145
Costa Rica.....	1,762	1,762	1,741
Czechoslovakia.....	5,129	4,923	4,888
Denmark.....	2,232	2,241	2,222
Dominican Republic.....	1,986	1,977	1,976
Egypt.....	6,385	6,408	6,418
El Salvador.....	1,220	1,242	1,285
Finland.....	1,363	1,315	1,292
France.....	19,980	19,886	19,926
Germany.....	20,287	19,488	17,134
Greece.....	687	634	616
Guatemala.....	1,900	1,695	1,532
Honduras.....	2,424	2,388	2,356
Hungary.....	1,598	1,571	1,500
India.....	270,150	272,710	271,437
Ireland.....	5,899	6,029	6,073
Israel.....	190	186	184
Italy.....	8,853	8,578	8,104
Japan.....	4,760	4,863	4,917
Korea, Rep.....	2,051	2,126	2,269
Mexico.....	31,747	29,847	30,157
Netherlands.....	4,731	4,830	4,900
New Zealand.....	7,828	8,065	8,085
Panama.....	1,502	1,426	1,502
Philippines.....	4,395	4,387	4,375
Poland.....	10,143	9,024	8,030
Portugal.....	1,291	1,281	1,333
Romania.....	6,283	5,437	5,017
Saudi Arabia.....	191	176	158
South Africa, Rep.....	13,398	13,512	13,585
Spain.....	5,331	5,126	5,000
Sweden.....	1,697	1,660	1,612
Switzerland.....	1,855	1,829	1,827
Taiwan.....	165	154	153
Turkey.....	12,700	12,200	11,700
Former Soviet Union.....	118,400	115,700	112,400
United Kingdom.....	11,922	11,846	11,698
United States.....	98,162	98,896	100,110
Uruguay.....	9,377	9,431	10,058
Venezuela.....	13,210	13,368	13,648
Yugoslavia.....	4,702	4,527	4,415
Total.....	1,060,123	1,056,852	1,050,241

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible. ² Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 389.—Calf crop: Cows and heifers that have calved and calves born, by States, 1990 and 1991

State	Cows and heifers that have calved		Calves born	
	Jan. 1		1990	1991 ¹
	1990	1991 ¹		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
AL.....	960	910	850	830
AK.....	3.6	3.5	2.8	2.8
AZ.....	345	375	280	300
AR.....	917	941	790	770
CA.....	2,030	2,010	1,750	1,700
CO.....	850	900	830	840
CT.....	40	39	37	34
DE.....	12	13	11	11
FL.....	1,250	1,255	1,000	980
GA.....	770	790	670	670
HI.....	91	87	78	68
ID.....	730	730	680	680
IL.....	765	760	640	610
IN.....	500	525	440	460
IA.....	1,440	1,420	1,300	1,310
KS.....	1,423	1,430	1,330	1,330
KY.....	1,300	1,300	1,200	1,210
LA.....	650	630	510	500
ME.....	60	58	58	50
MD.....	159	157	141	125
MA.....	41	41	34	33
MI.....	450	444	390	380
MN.....	1,065	1,050	1,040	1,030
MS.....	770	760	690	680
MO.....	2,210	2,270	2,030	2,040
MT.....	1,400	1,490	1,380	1,430
NE.....	1,900	1,850	1,730	1,680
NV.....	310	315	265	260
NH.....	24	24	22	22
NJ.....	38	37	32	32
NM.....	660	630	500	480
NY.....	840	825	780	770
NC.....	490	515	460	450
ND.....	960	960	970	960
OH.....	710	700	600	600
OK.....	1,940	2,020	1,820	1,900
OR.....	700	690	640	650
PA.....	870	880	780	770
RI.....	3.6	3.5	3.5	3.5
SC.....	310	320	245	245
SD.....	1,630	1,640	1,630	1,620
TN.....	1,170	1,170	1,075	1,070
TX.....	5,700	5,850	4,950	5,150
UT.....	401	400	350	330
VT.....	178	175	165	160
VA.....	855	860	795	805
WA.....	616	640	530	540
WV.....	290	295	265	265
WI.....	1,940	1,850	1,880	1,780
WY.....	660	700	600	640
US.....	43,427	43,738	39,249	39,256

¹ Preliminary.

National Agricultural Statistics Service.

Table 390.—Cattle and calves: Number on feed, by States, by quarters, 1991 and 1992 ¹

State	1991				1992	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
AZ	232	201	147	151	217	203
CA	420	380	330	355	380	315
CO	980	930	860	770	930	910
ID	290	275	260	225	280	260
IL	370	345	285	275	340	295
IA	1,030	1,070	860	630	880	840
KS	1,750	1,760	1,540	1,550	1,820	1,810
MN	340	340	290	225	310	320
NE	2,250	2,370	1,920	1,800	1,990	1,960
OK	330	340	320	315	345	355
SD	320	320	245	190	290	290
TX	2,330	2,230	2,220	1,960	2,180	1,970
WA	185	178	184	174	173	165
13 States	10,827	10,739	9,461	8,620	10,135	9,693
AL	25				25	
AR	14				16	
FL	10				21	
GA	16				18	
HI	15				9	
IN	220				210	
KY	35				35	
LA	8				9	
MD	16				15	
MI	230				210	
MS	9				9	
MO	105				90	
MT	90				90	
NV	45				45	
NJ	2				2	
NM	115				120	
NY	25				30	
NC	20				20	
ND	50				65	
OH	235				225	
PA	90				85	
SC	85				80	
TN	18				18	
UT	15				25	
VA	52				50	
WV	35				35	
WI	12				14	
WY	150				140	
Other States	50				105	
US	12,627				11,945	

¹ Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Select or better. Data not available for all States in quarters where no figures are shown. ² Included in Other States.

National Agricultural Statistics Service.

Table 391.—Cattle and calves: Number on feed, United States, Jan. 1, 1977-92 ¹

Year	Number	Year	Number	Year	Number	Year	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
1977	12,580	1981	11,598	1985	12,453	1989	9,688
1978	13,472	1982	10,618	1986	11,731	1990	11,626
1979	13,274	1983	12,051	1987	11,277	1991	12,627
1980	12,221	1984	11,594	1988	11,872	1992 ²	11,945

¹ Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Select or better. ² Preliminary.

National Agricultural Statistics Service.

Table 392.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1977-91

Year	Calf crop ¹	Death loss		Marketings ²		Cattle shipped in for feeding and breeding ³	Farm slaughter
		Cattle	Calves	Cattle	Calves		Cattle and calves
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1977.....	45,931	2,000	4,000	56,378	12,621	23,333	700
1978.....	43,818	1,940	3,860	54,737	11,938	23,695	550
1979.....	42,596	1,900	3,700	48,358	10,151	22,322	430
1980.....	44,938	1,795	3,618	46,026	10,502	20,513	401
1981.....	44,666	1,700	3,359	46,647	10,383	18,914	398
1982.....	44,200	1,843	3,586	49,549	10,560	21,289	395
1983.....	43,885	1,877	3,617	48,391	10,464	19,233	410
1984.....	42,470	1,873	3,591	50,686	10,246	20,535	388
1985.....	41,050	1,701	3,345	49,171	10,548	19,882	370
1986.....	41,182	1,714	3,278	49,931	10,406	21,235	349
1987.....	40,152	1,700	3,100	49,518	10,223	22,222	330
1988.....	40,293	1,655	3,002	48,718	10,433	22,239	280
1989.....	40,102	1,537	2,915	46,682	10,489	21,858	240
1990.....	39,249	1,570	2,862	46,991	10,152	23,304	245
1991 ⁴	39,256	1,584	2,787	46,408	9,485	22,463	242

Year	Quantity produced (live weight) ⁵	Value of production	Cash receipts from sales of cattle, calves, beef and veal ⁶	Value of cattle and calves slaughtered for home consumption	Gross income ⁷	Average price per 100 pounds received by farmers	
						Cattle	Calves
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1977.....	40,744,829	13,977,695	20,225,347	482,340	20,707,687	34.40	36.90
1978.....	39,971,171	19,553,169	28,248,127	565,081	28,813,208	48.50	59.10
1979.....	38,803,335	26,246,763	35,024,950	693,892	35,718,842	66.10	88.70
1980.....	40,283,777	25,468,867	31,827,906	623,698	32,451,604	62.40	76.80
1981.....	41,178,209	23,682,144	29,537,848	600,885	30,138,733	58.60	64.00
1982.....	40,714,722	22,623,349	29,813,318	576,645	30,389,963	56.70	59.80
1983.....	40,356,342	22,047,169	28,864,375	554,512	29,418,887	55.50	61.70
1984.....	40,055,102	22,149,276	30,588,872	551,574	31,140,446	57.30	59.90
1985.....	40,120,920	21,184,833	29,002,301	483,255	29,485,556	53.70	62.10
1986.....	40,589,257	20,989,371	28,865,089	451,180	29,316,269	52.60	61.10
1987.....	40,502,303	24,765,784	33,583,325	473,706	34,057,031	61.10	78.50
1988.....	40,557,450	27,219,863	36,809,614	481,038	37,290,652	66.60	89.20
1989.....	40,240,800	28,030,566	36,894,270	444,567	37,338,837	69.50	90.80
1990.....	40,386,144	30,228,640	39,943,853	450,179	40,394,032	74.60	95.60
1991 ⁴	41,412,497	30,550,672	39,632,086	422,553	40,054,639	72.70	98.00

¹ Calves born during the year. ² Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ³ Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter. ⁴ Preliminary. ⁵ Adjustments made for changes in inventory and for inshipments. ⁶ Receipts from marketings and sale of farm slaughter. ⁷ "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

National Agricultural Statistics Service.

Table 393.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1977-91

Year	Steers ¹			Heifers ²			Cows ³	
	Prime	Choice	Select	Prime	Choice	Select	Commercial	Utility
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1977		40.38	36.70		38.96	35.20	26.11	25.32
1978		52.34	47.98		50.30	46.11	37.80	36.78
1979		67.67	63.05		65.91	61.47	50.06	50.10
1980		67.05	62.16		64.90	61.22	44.91	45.92
1981		63.84	59.83		62.05	59.46	41.59	41.93
1982		64.22	59.47		62.79	59.82	40.35	39.96
1983		62.52	56.99		61.42	58.53	39.40	39.35
1984		65.34	59.14		64.59	61.18	40.75	39.81
1985		58.37	53.28		58.24	55.52	37.91	38.32
1986		57.74	52.04		57.56	54.76	36.96	37.22
1987		64.60	58.53		64.34	61.48	44.84	44.83
1988		69.58	67.06		68.16	65.35	45.80	47.94
1989		72.52	70.28		71.93	69.52	47.28	49.70
1990		77.40	75.24		76.82	73.94	53.37	55.08
1991		74.03	72.46		73.86	71.44	N/A	N/A

¹ 1,100 to 1,300 pound weight range; simple average of price range. ² 1,000 to 1,200 pound weight range; simple average of price range. ³ All weights; simple average of price range.

Agricultural Marketing Service.

Table 394.—Cattle and calves: Receipts at selected public stockyards, 1977-91 ¹

Year	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting ²
Cattle									
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1977	139	352	1,092	390	296	846	765	9,687	13,567
1978	108	313	829	358	252	754	707	8,271	11,592
1979	63	296	721	268	200	645	693	7,306	10,192
1980	50	207	746	258	196	603	566	7,103	9,729
1981	42	245	742	241	183	573	554	6,537	9,117
1982	(*)	245	612	241	185	549	425	6,707	8,964
1983		230	570	215	193	506	442	6,314	8,470
1984		223	474	198	179	461	373	6,532	8,440
1985		162	395	160	140	420	360	5,648	7,285
1986		164	320	153	140	391	230	5,430	6,829
1987		129	290	133	121	347	167	5,013	6,200
1988		97	230	107	108	336	150	4,886	5,914
1989		80	191	85	93	283	147	4,743	5,622
1990		55	152	72	92	256	120	4,523	5,270
1991			133	62	103	236	124	4,350	5,008
Calves									
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1977	73	27	(*)	11	5	113		402	631
1978	54	45		9	5	85		126	324
1979	31	(*)		5	5	70		82	193
1980	44			7	5	59		67	182
1981	42			4	5	57		46	154
1982	(*)			3	10	53		67	133
1983				1	13	47		61	122
1984				1	10	42		80	133
1985				1	13	33		80	133
1986				1	13	27		53	100
1987					13	18		31	72
1988						14		42	62
1989						12		52	56
1990						9		15	53
1991						7		16	24

¹ Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. ² Rounded totals of the complete figures. ³ The number of stockyards varies from 23 to 46. ⁴ Data no longer reported. ⁵ Cattle and calves combined in 1977. ⁶ Cattle and calves combined in 1979.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 395.—Cattle and calves: Number slaughtered, United States, 1977-91

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federal-ly inspected	Other	Total ¹			Federal-ly inspected	Other	Total ¹		
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>
1977	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692
1978	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,302
1979	31,504	2,174	33,678	330	34,008	2,499	325	2,824	100	2,924
1980	31,642	2,164	33,807	309	34,116	2,294	294	2,588	91	2,679
1981	32,819	2,135	34,953	312	35,265	2,478	320	2,798	86	2,884
1982	33,907	1,937	35,843	312	36,155	2,729	292	3,021	82	3,103
1983	34,816	1,833	36,649	325	36,974	2,798	279	3,077	85	3,162
1984	35,880	1,702	37,582	310	37,892	3,030	267	3,297	80	3,377
1985	34,765	1,528	36,293	300	36,593	3,168	217	3,385	70	3,455
1986	35,913	1,375	37,288	280	37,568	3,195	213	3,408	70	3,478
1987	34,468	1,179	35,647	243	35,890	2,680	135	2,815	87	2,902
1988	34,048	1,031	35,079	245	35,324	2,411	95	2,506	50	2,556
1989	33,010	907	33,917	189	34,106	2,100	73	2,172	51	2,223
1990	32,391	852	33,242	197	33,439	1,742	48	1,790	48	1,838
1991	31,887	803	32,690	195	32,885	1,398	38	1,436	47	1,483

¹ Totals are based on unrounded numbers.
National Agricultural Statistics Service.

Table 396.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughters (live weight), 1977-91

Year	Cattle		Calves	
	Number slaughtered	Average live weight	Number slaughtered	Average live weight
	<i>Thousands</i>	<i>Pounds</i>	<i>Thousands</i>	<i>Pounds</i>
1977	38,717	1,033	4,696	207
1978	36,948	1,043	3,620	206
1979	31,504	1,068	2,499	210
1980	31,642	1,080	2,294	214
1981	32,819	1,083	2,478	218
1982	33,907	1,071	2,729	208
1983	34,816	1,077	2,798	213
1984	35,880	1,072	3,030	225
1985	34,765	1,103	3,168	234
1986	35,913	1,105	3,195	239
1987	34,468	1,109	2,680	239
1988	34,048	1,124	2,411	251
1989	33,010	1,138	2,100	259
1990	33,242	1,136	1,790	283
1991	32,690	1,163	1,436	346

National Agricultural Statistics Service.

Table 397.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1991 (preliminary)

State	Marketings ¹		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves ²	Quantity produced (live weight) ³	Value of production	Cash receipts from sales of cattle, calves, beef, and veal ⁴	Value of cattle and calves slaughtered for home consumption	Gross income ⁵
	Cattle	Calves							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	699	141	65	2	786,150	611,089	645,505	2,926	648,431
AK.....	1	0	0.1	0.8	1,770	1,215	578	396	974
AZ.....	595	63	486	3	514,220	384,903	515,831	3,220	519,051
AR.....	698	267	296	6	682,730	466,281	519,525	6,819	526,344
CA.....	2,087	162	683	19	1,978,540	1,272,162	1,681,643	18,382	1,700,025
CO.....	2,435	87	2,000	3	1,898,700	1,434,460	2,244,332	5,788	2,250,120
CT.....	18	17	6	2	17,670	11,554	14,116	1,647	15,763
DE.....	6	2	3	1	8,160	5,810	4,596	1,225	5,821
FL.....	200	733	52	2	393,530	350,887	363,351	2,148	365,499
GA.....	315	290	59	2	388,680	267,743	265,818	2,966	268,784
HI.....	60	13	0	2	52,910	26,824	32,667	1,286	33,953
ID.....	825	110	350	3	835,660	551,920	666,736	7,152	673,888
IL.....	832	121	410	7	773,100	577,245	739,857	19,871	759,728
IN.....	450	101	200	4	392,845	255,850	304,489	8,342	312,831
IA.....	2,584	75	1,300	6	1,931,370	1,384,466	2,057,448	14,576	2,072,024
KS.....	4,942	1	3,715	2	3,144,260	2,369,619	4,271,739	9,088	4,280,827
KY.....	970	559	535	6	792,875	610,730	757,902	13,137	771,039
LA.....	168	302	2	2	260,345	211,648	220,695	3,097	223,792
ME.....	33	20	6	2	32,790	21,616	25,059	2,458	27,517
MD.....	75	47	8	3	97,780	71,436	73,736	5,356	79,092
MA.....	11	19	1	1	17,970	12,512	11,341	1,720	13,061
MI.....	350	43	98	5	403,060	253,019	284,605	9,695	294,300
MN.....	1,140	179	500	6	1,160,900	791,616	977,560	15,823	993,383
MS.....	254	320	20	2	381,480	282,690	252,004	5,537	257,541
MO.....	775	938	40	12	1,118,780	952,839	874,160	27,673	901,833
MT.....	981	272	135	6	1,029,430	749,017	665,647	9,376	675,023
NE.....	5,443	65	3,800	2	3,740,940	2,781,660	4,783,085	9,958	4,793,043
NV.....	150	97	40	2	184,345	140,110	140,757	1,778	142,535
NH.....	8	11	1	1	10,770	7,247	6,503	1,279	7,782
NJ.....	12	19.5	3	0.5	20,295	14,381	15,026	656	15,682
NM.....	1,055	250	940	3	607,780	440,258	751,678	5,829	757,507

See footnotes at end of table.

Table 397.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1991 (preliminary)—Continued

State	Marketings ¹		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves ²	Quantity produced (live weight) ³	Value of production	Cash receipts from sales of cattle, calves, beef, and veal ⁴	Value of cattle and calves slaughtered for home consumption	Gross income ⁵
	Cattle	Calves							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
NY	205	446	14	5	319,410	213,011	207,574	7,466	215,040
NC	192	170	12	2	297,040	204,861	176,396	9,873	186,269
ND	404	470	140	4	662,600	542,141	496,778	7,915	504,693
OH	405	140	45	5	466,930	332,129	325,205	15,788	340,993
OK	2,904	306	1,500	10	1,959,180	1,532,524	2,225,970	17,648	2,243,618
OR	472	190	50	18	556,265	409,297	443,769	16,311	460,080
PA	448	268	100	11	616,065	447,704	448,111	20,344	468,455
RI	1.6	1.7	0.3	0.1	1,737	1,124	1,087	232	1,319
SC	171	40	20	3	213,600	140,812	135,213	4,623	139,836
SD	1,353	380	432	4	1,762,110	1,386,638	1,470,476	11,030	1,481,506
TN	671	347	108	5	653,910	456,405	484,791	7,792	492,583
TX	7,470	125	3,300	15	6,691,325	5,032,207	6,156,802	22,412	6,179,214
UT	310	72	86	5	327,505	240,100	283,178	7,415	290,593
VT	48	97	14	3	55,500	37,933	44,681	3,150	47,831
VA	539	165	17	6	601,950	428,024	412,125	10,762	422,887
WA	616	50	306	13	643,160	457,106	533,669	12,768	546,437
WV	127	103	30	4	169,485	122,565	104,029	5,529	109,558
WI	1,049	676	35	10	1,227,990	833,789	923,995	19,774	943,769
WY	850	114	500	1	526,900	419,495	590,248	2,517	592,765
US	46,408	9,485	22,463	242	41,412,497	30,550,672	39,632,086	422,553	40,054,639

¹ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ² Excludes custom slaughter for farmers at commercial establishments. ³ Adjustments made for changes in inventory and for inshipments. ⁴ Includes receipts from marketings and sales of farm-slaughtered meat.

⁵ Includes cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

National Agricultural Statistics Service.

Table 398.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1992 ¹

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds	Thousands	1,000 pounds	Pounds
AL.....						
AZ.....	349.9	396,061	1,132			
AR.....	31.7	29,568	932			
CA.....	1,081.7	1,337,712	1,237	83.9	24,429	291
CO.....	2,235.6	2,634,504	1,178			
DE and MD.....	42.5	51,187	1,205	19.2	7,756	403
FL.....	73.4	74,705	1,018	28.9	4,706	163
GA.....						
HI.....						
ID.....	45.9	48,599	1,058			
IL.....				115.2	46,342	402
IN.....	83.6	87,542	1,048			
IA.....	1,652.1	1,952,402	1,182			
KS.....	6,027.2	6,936,992	1,151			
KY.....	89.8	93,547	1,042			
LA.....	34.2	27,777	812	36.2	15,990	441
MI.....				50.8	20,209	398
MN.....	1,082.8	1,344,142	1,241			
MS.....	108.0	101,033	936			
MO.....	272.5	299,436	1,099	3.3	1,178	354
MT.....	18.7	21,373	1,145			
NE.....	6,810.0	7,424,325	1,177			
NV.....	1.5	1,675	1,096			
N ENG ²	50.6	54,560	1,079	79.7	15,573	195
NJ.....	21.5	26,221	1,222			
NM.....	133.3	138,331	1,037			
NY.....	74.2	81,727	1,101	217.1	65,959	304
NC.....						
ND.....						
OH.....	222.1	251,718	1,133	94.6	28,373	300
OK.....	45.4	43,934	967	2.8	1,200	436
OR.....	42.3	46,883	1,109	3.5	1,425	403
PA.....	960.4	1,199,968	1,249	195.8	60,222	308
SC.....						
SD.....	490.0	624,890	1,275			
TN.....						
TX.....	5,606.5	6,157,701	1,098	34.6	18,913	547
UT.....						
VA.....	26.9	26,612	990	1.1	308	273
WA.....	785.7	948,946	1,208	38.3	18,688	488
WV.....	15.6	14,782	946			
WI.....	1,088.8	1,346,557	1,237	222.9	79,271	356
WY.....	5.2	5,665	1,088			
US.....	32,689.6	38,028,781	1,163	1,436.4	497,287	346

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Totals may not add due to rounding. ² Data not shown to avoid disclosing individual operations, but are included in U.S. totals. ³ Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

National Agricultural Statistics Service.

Table 399.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1977-91

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1977	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1
1978	17,308	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2.0
1979	16,258	5,546	9,112	14,658	586	51.6	17.6	28.9	46.5	1.9
1980	16,059	5,925	8,980	14,905	679	50.7	18.7	28.4	47.1	2.2
1981	16,437	6,238	9,416	15,654	728	50.1	19.0	28.7	47.7	2.2
1982	16,344	6,955	9,853	16,788	774	48.2	20.5	29.0	49.5	2.3
1983	16,613	7,215	10,221	17,436	768	47.7	20.7	29.4	50.1	2.2
1984	16,688	8,229	10,211	18,440	752	46.5	22.9	28.5	51.4	2.1
1985	16,201	7,076	10,763	17,839	725	46.5	20.4	31.0	51.4	2.1
1986	16,871	7,665	10,688	18,553	689	47.0	21.3	29.8	51.1	1.9
1987	16,867	6,888	10,545	16,933	668	49.0	18.5	30.6	49.1	1.9
1988	16,833	6,151	10,459	16,590	625	49.4	11.4	30.7	42.1	1.8
1989	16,094	6,146	10,128	16,274	642	48.7	18.1	30.7	48.0	1.9
1990	16,160	5,765	9,832	15,597	633	49.9	17.8	30.4	48.2	1.9
1991	16,316	5,485	9,484	14,969	602	51.2	17.2	29.7	46.9	1.9

National Agricultural Statistics Service.

Table 400.—Hogs and pigs: Number and value, United States, Dec. 1, 1977-91

Year	Number	Value		Year	Number	Value	
		per head	Total			per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977	56,539	63.20	3,575,279	1985	52,314	69.60	3,640,420
1978	60,356	83.20	5,023,454	1986	51,001	91.90	4,686,943
1979	67,318	56.00	3,772,812	1987	54,384	76.00	4,132,872
1980	64,462	74.70	4,815,218	1988	55,469	66.30	3,677,751
1981	58,698	70.10	4,114,350	1989	53,821	79.10	4,255,785
1982	54,534	89.90	4,903,494	1990	54,477	85.40	4,654,641
1983	56,694	58.80	3,330,801	1991 ¹	56,974	65.10	3,935,099
1984	54,073	75.00	4,056,938				

¹ Preliminary.

National Agricultural Statistics Service.

Table 401.—Hogs and pigs: Number and value, by States, Dec. 1, 1989-91

State	Number			Value					
	1989	1990	1991 ¹	Value per head			Total value		
				1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	370	400	375	80.00	91.00	78.00	29,600	36,400	29,250
AK.....	7	1.2	1.4	185.50	165.00	165.00	130	198	231
AZ.....	100	110	100	88.00	93.00	85.00	8,800	10,230	8,500
AR.....	710	760	760	73.50	84.00	70.00	52,185	63,840	53,200
CA.....	140	195	215	96.50	110.00	105.00	13,510	21,450	22,575
CO.....	230	300	410	86.50	93.00	75.00	19,895	27,900	30,750
CT.....	6.2	6.9	7	94.50	95.00	97.00	586	656	679
DE.....	32	31	39	83.00	86.00	67.00	2,656	2,666	2,613
FL.....	140	130	135	87.50	91.00	70.00	12,250	11,830	9,450
GA.....	1,200	1,100	1,130	72.00	84.00	67.00	86,400	92,400	75,710
HI.....	39	36	34	133.50	135.00	145.00	5,207	4,860	4,930
ID.....	72	60	52	73.00	86.00	76.00	5,256	5,160	3,952
IL.....	5,700	5,700	5,800	79.50	83.00	68.00	453,150	473,100	394,400
IN.....	4,350	4,400	4,550	77.50	85.00	69.00	337,125	374,000	313,950
IA.....	13,500	13,800	14,800	80.00	86.00	69.00	1,080,000	1,186,800	1,021,200
KS.....	1,450	1,500	1,400	75.50	81.00	65.00	109,475	121,500	91,000
KY.....	975	920	950	70.50	78.00	67.00	68,738	71,760	63,650
LA.....	55	50	60	83.50	92.00	79.00	4,593	4,600	4,740
ME.....	9.3	9.9	9.2	82.50	89.00	93.00	767	881	856
MD.....	180	162	175	88.00	93.00	77.00	15,840	15,066	13,475
MA.....	33	33	29	75.50	84.00	92.00	2,492	2,772	2,668
MI.....	1,260	1,250	1,270	79.00	92.00	74.00	99,540	115,000	93,980
MN.....	4,450	4,500	4,900	79.50	85.00	67.00	353,775	382,500	328,300
MS.....	180	149	149	76.50	83.00	75.00	13,770	12,367	11,175
MO.....	2,700	2,800	2,650	75.00	88.00	67.00	202,500	246,400	177,550
MT.....	220	185	225	80.00	89.00	68.00	17,600	16,465	15,300
NE.....	4,200	4,300	4,400	83.00	88.00	69.00	348,600	378,400	303,600
NV.....	14	14	13	82.00	97.00	91.00	1,148	1,358	1,183
NH.....	8.7	9.3	9	87.50	92.00	91.00	761	856	819
NJ.....	30	25	24	82.50	93.00	84.00	2,475	2,325	2,016
NM.....	25	27	24	85.50	85.00	82.00	2,213	2,295	1,968
NY.....	124	103	98	80.00	85.00	77.00	9,920	8,755	7,546
NC.....	2,570	2,800	3,550	73.00	75.00	65.00	187,610	210,000	230,750
ND.....	280	265	290	79.50	87.00	72.00	22,260	23,055	20,880
OH.....	2,080	2,000	1,875	78.50	83.00	68.00	163,280	166,000	127,500
OK.....	230	215	190	79.00	80.00	80.00	18,170	18,490	15,200
OR.....	90	80	75	91.00	96.00	79.00	8,190	7,680	5,925
PA.....	975	920	920	81.00	84.00	76.00	78,975	77,280	69,920
RI.....	5.9	5.3	6	73.00	89.00	88.00	431	472	528
SC.....	430	410	405	80.50	86.00	73.00	34,615	35,260	29,565
SD.....	1,720	1,770	1,950	85.00	94.00	71.00	146,200	166,380	138,450
TN.....	700	620	670	80.50	86.00	67.00	56,350	53,320	44,890
TX.....	500	550	500	81.00	82.00	65.00	40,500	45,100	32,500
UT.....	27	33	38	76.50	93.00	77.00	2,066	3,069	2,926
VT.....	5.7	5	5.2	98.50	90.00	98.00	561	450	510
VA.....	450	430	410	74.50	83.00	73.00	33,525	35,690	29,930
WA.....	56	56	58	92.50	91.00	83.00	5,180	5,096	4,814
WV.....	32	30	34	79.50	93.00	82.00	2,544	2,790	2,788
WI.....	1,150	1,200	1,180	81.00	90.00	72.00	93,150	108,000	84,960
WY.....	16	20	24	76.50	86.00	77.00	1,224	1,720	1,848
US.....	53,821	54,477	56,974	79.10	85.40	69.10	4,255,785	4,654,641	3,935,099

¹ Preliminary.

National Agricultural Statistics Service.

Table 402.—Sows farrowing and pig crop: Number, United States, 1977-91

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total		Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1977	6,050	6,009	42,960	43,202	86,162	1985	5,571	5,669	42,546	43,490	86,036
1978	6,034	6,398	42,481	46,031	88,512	1986	5,253	5,440	40,445	42,126	82,571
1979	7,176	7,322	50,551	52,241	102,792	1987	5,579	5,810	43,496	44,927	88,423
1980	7,229	6,855	52,288	49,432	101,720	1988	6,030	6,036	46,883	46,000	92,883
1981	6,440	6,268	47,605	46,248	93,853	1989	6,041	5,775	47,238	44,836	92,074
1982	5,664	5,884	41,575	43,614	85,189	1990	5,745	5,717	45,321	44,939	90,260
1983	6,301	6,181	47,409	45,785	93,194	1991 ¹	5,996	6,038	47,467	47,640	95,107
1984	5,694	5,857	42,403	44,183	86,586						

¹ Preliminary.

National Agricultural Statistics Service.

Table 403.—Hogs and pigs: Number for breeding and market, United States, 1977-91

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups					
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over	Total
	June 1							
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1977	54,460	8,688	21,558	10,892	7,679	4,592	1,051	45,772
1978 ¹	55,240	8,857	20,934	11,309	8,013	5,016	1,111	46,383
1979	65,020	10,368	25,223	13,186	9,197		7,046	54,652
1980	65,255	9,481	25,002	13,550	9,781		7,441	55,774
1981	59,740	8,358	23,046	12,231	9,047		7,058	51,382
1982	52,260	7,414	19,074	10,999	8,267		6,506	44,846
1983	57,945	8,113	22,045	12,016	8,871		6,900	49,832
1984	52,815	7,401	19,377	11,387	8,111		6,539	45,414
1985	52,250	6,997	18,968	11,200	8,245		6,840	45,253
1986	48,875	6,435	17,645	10,580	8,000		6,215	42,440
1987	52,200	7,040	19,600	11,080	8,170		6,310	45,160
1988	56,185	7,530	20,888	11,985	8,780		7,002	48,655
1989	55,880	7,315	20,687	12,090	8,785		7,003	48,565
1990	53,850	7,075	19,806	11,718	8,535		6,716	46,775
1991 ²	56,390	7,500	20,750	12,375	8,821		6,944	48,890
	Dec. 1							
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1977	56,539	8,604	19,424	12,399	9,111	5,495	1,507	47,936
1978 ¹	60,356	9,605	21,244	13,086	9,443		6,979	50,751
1979	67,318	9,645	22,834	15,429	11,281		8,130	57,674
1980	64,462	9,118	22,131	13,377	10,996		8,240	55,344
1981	58,698	7,844	19,490	12,926	10,439		7,999	50,854
1982	54,534	7,475	18,830	11,942	9,375		6,912	47,059
1983	56,694	7,391	19,028	12,626	9,985		7,664	49,303
1984	54,073	6,945	18,069	12,008	9,607		7,444	47,128
1985	52,314	6,778	17,306	11,700	9,320		7,210	45,536
1986	51,001	6,691	16,786	11,246	9,113		7,164	44,309
1987	54,384	7,080	17,735	11,938	9,649		7,982	47,301
1988	55,469	7,054	18,011	12,394	10,025		7,984	48,414
1989	53,821	6,862	17,195	12,183	9,673		7,908	46,959
1990	54,477	6,870	17,866	12,206	9,641		7,894	47,607
1991 ²	57,684	7,254	18,678	12,969	10,381		8,402	50,430

¹ The 180-219 pounds and 220 pounds and over market hog weight groups combined into the 180 pounds and over weight group starting Dec. 1978. ² Preliminary.

National Agricultural Statistics Service.

Table 404.—Hogs: Number in specified countries, 1990-92 ¹

Country	1990	1991	1992 ²	Country	1990	1991	1992 ²
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
Australia	2,765	1,881	1,076	Korea, Rep.	4,801	4,528	5,046
Austria	3,773	3,688	3,600	Mexico	8,563	8,593	9,863
Belgium-Luxembourg	6,510	6,341	6,554	Netherlands	13,638	13,788	13,000
Brazil	33,200	32,500	33,100	New Zealand	380	395	405
Bulgaria	4,352	4,187	3,141	Panama	202	226	0
Canada	10,737	10,608	10,780	Philippines	8,124	8,007	8,150
China (Mainland)	352,810	362,410	372,000	Poland	18,685	19,739	20,722
Colombia	2,434	2,398	2,369	Portugal	2,531	2,664	2,835
Czechoslovakia	7,498	7,090	6,800	Romania	11,659	12,066	11,940
Denmark	9,120	9,282	9,767	South Africa, Rep.	1,687	1,652	1,638
Dominican Republic	306	306	305	Spain	16,910	16,001	16,100
Finland	1,848	1,290	1,231	Sweden	2,264	2,170	2,143
France	11,860	11,860	11,560	Switzerland	1,787	1,723	1,678
Germany	34,177	30,818	26,063	Taiwan	7,733	8,565	10,089
Greece	1,100	1,141	1,150	Former Soviet Union	78,409	75,583	71,200
Guatemala	1,100	1,110	1,115	United Kingdom	7,383	7,379	7,490
Hungary	7,660	8,000	7,400	United States	53,821	54,477	56,374
Ireland	999	1,069	1,130	Venezuela	2,326	1,971	1,502
Italy	9,261	9,119	9,005	Yugoslavia	7,231	7,358	7,050
Japan	11,816	11,335	10,800	Total	795,188	763,318	767,071

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible. ² Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 405.—Hogs: Number slaughtered, United States, 1977-91

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally in- spected	Other	Total ¹				Federally in- spected	Other	Total ¹		
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
1977	74,019	3,285	77,303	1,144	78,447	1985	81,974	2,519	84,492	446	84,938
1978	74,139	3,176	77,315	1,086	78,401	1986	77,290	2,309	79,598	358	79,956
1979	85,425	3,674	89,099	1,070	90,169	1987	78,913	2,168	81,081	341	81,422
1980	91,882	4,192	96,074	1,100	97,174	1988	85,517	2,278	87,795	341	88,136
1981	87,851	3,724	91,575	895	92,470	1989	86,328	2,364	88,692	315	89,007
1982	79,328	2,861	82,190	655	82,845	1990	82,901	2,235	85,136	296	85,431
1983	84,762	2,823	87,584	517	88,101	1991	85,952	2,217	88,169	276	88,445
1984	82,478	2,690	85,168	473	85,641						

¹ Totals are based on unrounded numbers.

National Agricultural Statistics Service.

Table 406.—Sows farrowing and pig crop: Number, by States, 1990 and 1991

State	Sows farrowing				Pig crop					
	1990		1991		1990			1991		
	Dec-May	June-Nov.	Dec-May	June-Nov. ¹	Dec-May	June-Nov.	Total	Dec-May	June-Nov. ¹	Total ¹
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AL.....	50	44	54	40	373	339	712	396	320	716
AK.....	.1	.1	.2	.2	.9	1	1.9	1.2	1.4	2.6
AZ.....	12	12	11	12	99	97	196	86	97	183
AR.....	79	90	87	87	697	788	1,485	745	739	1,484
CA.....	22	24	23	25	167	191	358	188	199	387
CO.....	27	31	41	42	220	261	481	343	342	685
CT.....	.6	.6	.5	.8	4.7	4.6	9.3	3.9	6	9.9
DE.....	5.2	3.7	4.8	3	45	22	67	39	27	66
FL.....	17	16	8.0	18	122	114	236	119	129	248
GA.....	127	113	124	117	990	882	1,872	976	895	1,871
HI.....	3.8	3.9	3.8	3.9	24	28	52	24	26	50
ID.....	6.5	6.3	5.7	5.2	52	49	101	44	42	86
IL.....	570	610	610	640	4,364	4,651	9,015	4,636	5,038	9,674
IN.....	455	450	485	475	3,600	3,612	7,212	3,872	3,740	7,612
IA.....	1,410	1,410	1,600	1,530	11,015	10,999	22,014	11,796	11,821	23,617
KS.....	155	151	151	147	1,240	1,197	2,437	1,193	1,151	2,344
KY.....	102	97	93	101	763	751	1,514	718	781	1,499
LA.....	7	6	6	7	47	42	89	40	53	93
ME.....	1.2	1.2	1.2	1.2	8.9	9.3	18.2	8.6	8.9	17.5
MD.....	18	20	19	19	143	165	308	141	158	300
MA.....	2.8	3.4	2.9	3.1	19.1	22	41.1	19.7	19.6	39.3
MI.....	136	126	128	127	1,075	987	2,062	1,012	1,009	2,021
MN.....	490	475	500	515	4,018	3,845	7,863	4,091	4,235	8,326
MS.....	22	16	17	159	129	129	288	128	131	259
MO.....	310	325	325	310	2,396	2,385	4,781	2,484	2,364	4,848
MT.....	24	20	25	26	194	163	357	207	213	420
NE.....	440	425	470	450	3,522	3,378	6,900	3,748	3,622	7,370
NV.....	1.9	1.6	1.4	1.7	14.5	12.5	27.0	10.1	12.9	23
NH.....	.6	.8	.6	.7	4.5	5.6	10.1	4.5	5.1	9.6
NJ.....	1.6	1.6	1.3	1.3	11.6	13.1	24.7	8.7	9	17.7
NM.....	2.7	2.9	3.1	3.0	20.8	22	42.8	21.8	23	44.8
NY.....	11	10	11	12	88	83	171	85	78	163
NC.....	310	310	345	390	2,527	2,574	5,101	2,927	3,416	6,343
ND.....	27	27	30	30	210	207	417	234	231	465
OH.....	219	205	205	190	1,774	1,620	3,394	1,679	1,547	3,226
OK.....	25	23	21	21	181	161	342	151	160	311
OR.....	9	9	7.5	6.9	71	73	144	61	55	116
PA.....	89	82	78	78	713	652	1,365	648	644	1,292
RI.....	.4	.5	.4	.6	3	3.4	6.4	3.2	4.2	7.4
SC.....	47	43	46	45	338	335	673	334	336	670
SD.....	198	198	217	218	1,595	1,564	3,159	1,745	1,734	3,479
TN.....	68	74	68	78	527	574	1,101	551	581	1,132
TX.....	48	58	56	54	352	432	784	402	394	796
UT.....	3.2	3.8	3.8	4.0	23	29	52	26	31	57
VT.....	.8	.7	.7	.7	4.8	4.7	9.5	4.8	5	9.8
VA.....	47	45	47	43	387	372	759	381	359	740
WA.....	6	6	6	4	50	50	100	47	34	81
WV.....	4	3.3	5.5	4	28	25	53	31	30	61
WI.....	130	128	131	127	1,024	998	2,022	1,035	976	2,011
WY.....	2	2	2.4	3	15.7	16.3	32.0	17.4	25	42.4
US.....	5,745	5,717	5,996	6,038	45,321	44,939	90,260	47,467	47,859	95,326

¹ Preliminary.

National Agricultural Statistics Service.

Table 407.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1977-91

Year	Market- ings ¹	Shipped in for feeding and breeding	Farm slaugh- ter ²	Quantity produced (live weight) ³	Value of produc- tion ⁴	Cash receipts from sales of hogs, pork, and lard ⁵	Value of hogs slaugh- tered for home consump- tion	Gross income ⁶	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1977	80,939	4,258	1,144	19,020,900	7,484,651	7,281,364	262,047	7,543,411	39.40
1978	81,271	4,714	1,086	19,466,200	9,065,998	8,753,229	285,238	9,088,467	46.60
1979	92,499	5,003	1,070	22,617,129	9,423,783	9,039,678	255,136	9,294,814	41.80
1980	100,651	4,668	1,100	23,401,728	8,863,535	8,942,539	214,930	9,157,469	38.00
1981	95,986	4,147	895	21,812,966	9,532,037	9,794,285	206,215	10,000,500	43.90
1982	86,972	3,827	655	19,657,921	10,297,021	10,658,841	178,109	10,836,950	52.30
1983	89,168	3,527	517	21,206,207	9,904,224	9,790,233	123,898	9,914,131	46.80
1984	87,344	3,527	473	20,199,620	9,512,023	9,701,349	115,087	9,816,436	47.10
1985	86,731	3,726	446	20,166,989	8,872,061	9,033,241	98,982	9,132,223	44.00
1986	82,895	3,502	358	19,461,055	9,577,527	9,734,409	89,477	9,823,886	49.30
1987	84,249	3,746	328	20,445,529	10,443,597	10,336,628	87,409	10,424,037	51.20
1988	90,334	3,642	337	21,669,557	9,145,473	9,206,540	76,911	9,283,451	42.30
1989	92,550	3,642	317	21,941,772	9,294,438	9,465,966	71,560	9,537,526	42.50
1990	89,373	4,317	280	21,347,218	11,375,689	11,552,009	83,408	11,635,417	53.70
1991 ⁸	92,293	4,754	276	22,791,177	11,094,827	11,064,101	72,067	11,136,168	49.10

¹ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ² Excludes custom slaughtered for farmers at commercial establishments. ³ Adjustments made for changes in inventory and for inshipments. ⁴ Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. ⁵ Receipts from marketings and sale of farm slaughter includes allowance for higher average price of State outshipments of feeder pigs. ⁶ Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption. ⁷ Data for 12-month period—December of previous year through November of current year. ⁸ Preliminary.

National Agricultural Statistics Service.

Table 408.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1977-91 ¹

Year	Receipts at selected public stockyards									Direct receipts in interior Iowa and Southern Minnesota ⁴
	Fort Worth	Kan- sas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others report- ing	Total mar- kets report- ing ^{2,3}	
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1977	94	491	1,055	1,458	1,586	2,291	2,003	6,732	15,710	19,781
1978	72	445	1,039	1,479	949	1,603	1,543	5,628	12,758	20,194
1979	54	453	1,177	1,546	1,051	1,866	1,838	6,367	14,352	22,980
1980	72	415	1,101	1,525	994	1,728	1,677	5,993	13,505	24,686
1981	54	325	957	1,382	835	1,479	1,616	5,686	12,334	24,386
1982	(⁵)	246	821	1,141	740	1,125	1,406	4,671	10,150	21,499
1983		239	831	1,222	759	1,013	1,332	4,538	9,934	23,425
1984			837	1,065	669	960	1,230	4,175	9,139	23,116
1985		180	764	956	620	850	1,119	3,832	8,321	24,068
1986		160	687	987	560	738	940	3,330	7,361	21,983
1987		139	557	843	498	745	858	3,217	6,857	23,498
1988		121	562	800	477	800	827	3,100	6,687	24,626
1989		108	518	720	432	645	672	2,688	5,784	24,879
1990		101	425	602	357	528	559	2,339	4,911	23,642
1991			402	573	391	480	518	2,212	4,576	24,875

¹ Total rail and truck receipts. Saleable receipts 1978 on. ² Rounded total of complete figures. ³ The number of stockyards reporting varies from 41 to 68. ⁴ Covers receipts at 14 packing plants and 30 concentration yards. ⁵ Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 409.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1991 (preliminary)

State	Market- ings ¹	Shipped in for feeding and breeding	Farm slaugh- ter ²	Quantity produced (live weight) ³	Value of produc- tion ⁴	Cash receipts from sales of hogs, pork, and lard ⁵	Value of hogs slaugh- tered for home consump- tion	Gross income ⁶
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	722	19	4	273,400	124,446	126,032	1,171	127,203
AK.....	0.9	0	1.1	450	270	124	119	243
AZ.....	185	5	1	40,316	19,558	20,939	237	21,176
AR.....	1,440	30	3	328,761	146,897	145,049	582	145,631
CA.....	357	31	22	84,347	48,648	45,224	3,776	49,000
CO.....	559	20	1	142,665	74,161	68,241	250	68,491
CT.....	8.9	0	0.5	2,178	1,023	957	59	1,016
DE.....	55	1	1	12,710	5,879	5,440	202	5,642
FL.....	228	3	3	37,326	16,928	17,304	362	17,666
GA.....	1,805	67	8	435,380	208,687	209,496	1,916	211,412
HI.....	46	0	2	8,573	6,858	6,463	461	6,924
ID.....	103	18	2	21,788	10,033	10,558	916	11,474
IL.....	9,427	398	15	2,435,145	1,173,969	1,172,411	7,421	1,179,832
IN.....	7,315	215	7	1,742,315	823,759	826,421	1,679	828,100
IA.....	22,802	1,600	15	5,862,745	2,941,943	2,916,499	5,659	2,922,158
KS.....	2,469	164	1	668,960	312,864	322,798	615	323,413
KY.....	1,472	95	10	317,004	154,759	156,200	2,856	159,056
LA.....	76	2	4	17,405	7,571	6,650	551	7,201
ME.....	16.4	0	1	5,294	2,488	1,952	583	2,535
MD.....	283	12	3	59,821	27,729	27,227	509	27,736
MA.....	39.3	0	1.5	8,256	3,881	3,653	276	3,929
MI.....	1,930	52	4	459,696	216,097	216,234	904	217,138
MN.....	7,847	275	9	1,810,767	915,261	906,539	4,019	910,558
MS.....	232	7	4	54,744	24,867	24,738	587	25,325
MO.....	4,780	40	8	1,081,566	528,680	534,253	2,500	536,753
MT.....	366	5	3	86,814	38,568	36,845	500	37,345
NE.....	7,313	460	2	1,763,300	862,626	878,134	936	879,070
NV.....	25.7	4	0.3	5,359	2,391	2,493	60	2,553
NH.....	8.1	0	0.8	2,021	950	844	135	979
NJ.....	30	14.3	1	2,549	990	1,288	164	1,452
NM.....	47	2.2	1	9,139	4,190	4,417	150	4,567
NY.....	155	4	5	33,093	15,043	14,529	1,044	15,573
NC.....	5,717	464	20	1,472,854	687,503	658,649	4,720	663,369
ND.....	509	110	4	94,735	42,042	44,952	784	45,736
OH.....	3,375	148	5	845,922	402,637	415,360	1,706	417,066
OK.....	419	104	2	98,256	43,441	49,039	549	49,588
OR.....	114	0	2	26,797	14,229	14,135	467	14,602
PA.....	1,290	76	17	301,915	149,235	150,335	2,996	153,331
RI.....	5.9	0	0.3	1,297	610	576	36	612
SC.....	687	70	8	158,571	74,265	76,268	1,340	77,608
SD.....	3,201	49	7	817,234	405,663	396,845	2,830	399,675
TN.....	1,112	115	30	248,781	119,044	113,768	8,003	121,771
TX.....	810	22	13	207,023	93,683	95,155	2,243	97,398
UT.....	49	3	1	12,494	5,332	4,931	205	5,136
VT.....	7.8	0	1	2,514	1,182	959	218	1,177
VA.....	721	21	10	172,004	85,013	85,204	2,083	87,287
WA.....	71	0	3	17,391	7,739	6,802	1,005	7,807
WV.....	55	4	3	16,069	7,599	7,234	456	7,690
WI.....	1,971	21	3	472,775	228,592	229,558	857	230,415
WY.....	35.4	3	2	10,658	5,004	4,379	370	4,749
US.....	92,293	4,754	276	22,791,177	11,094,827	11,064,101	72,067	11,136,168

¹ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ² Excludes custom slaughter for farmers at commercial establishments. ³ Adjustments made for changes in inventory and for inshipments. ⁴ Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. ⁵ Receipts from marketings and sale of farm-slaughter. Includes allowance for higher average price of State outshipments of feeder pigs. ⁶ Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

National Agricultural Statistics Service.

Table 410.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1991 ¹

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
AL	141.8	53,728	379	N ENG ²	43.1	10,298	239
AZ	13.7	3,159	231	NJ			
AR	253.5	87,180	344	NM	4.8	1,032	215
CA	1,850.2	410,923	222	NY	56.3	12,512	222
CO	37.9	8,939	236	NC			
DE and MD	254.0	56,706	223	ND	91.2	20,433	224
FL	83.1	11,531	139	OH	2,624.5	659,542	251
GA				OK	168.6	51,809	307
HI	42.8	8,477	198	OR	131.9	31,160	236
ID				PA	2,089.4	485,277	232
IL	8,647.2	2,221,201	257	SC			
IN	3,784.9	924,311	244	SD	4,835.5	1,246,506	258
IA	27,628.3	7,121,103	258	TN	438.0	187,639	428
KS	450.6	126,315	280	TX	292.5	104,413	357
KY				UT			
LA	57.0	11,759	206	VA	4,844.3	1,143,929	236
MI				WA			
MN	7,738.0	1,827,241	236	WV	18.8	7,061	376
MS				WI	362.7	135,321	373
MO				WY	5.4	1,405	260
MT	28.2	6,635	235	US ³	88,169.1	22,199,866	252
NE	5,513.7	1,354,723	246				
NV	2.0	471	239				

¹ Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. Commercial slaughter not estimated in Alaska. ² Includes CT, ME, MA, NH, RI, and VT. ³ States with no data printed are still included in US total, not printed to avoid disclosing individual operations.

National Agricultural Statistics Service.

Table 411.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1977-91 ¹

Year	Federally inspected									Commercial		
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs		
	Head	Avg. dressed weight	Head	Avg. dressed weight	Head	Avg. dressed weight	Head	Avg. dressed weight ²	Avg. live weight	Head	Avg. dressed weight ²	Avg. live weight
	<i>1,000</i>	<i>Pounds</i>	<i>1,000</i>	<i>Pounds</i>	<i>1,000</i>	<i>Pounds</i>	<i>1,000</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000</i>	<i>Pounds</i>	<i>Pounds</i>
1977	69,191	163	4,055	282	783	237	74,019	170	237	77,303	170	237
1978	69,539	164	3,870	290	780	239	74,139	171	240	77,315	171	240
1979	79,744	164	4,793	295	888	234	85,425	172	242	89,099	172	242
1980	85,653	164	5,161	292	1,068	213	91,882	172	242	96,074	172	242
1981	82,206	165	4,609	292	1,036	206	87,851	173	243	91,575	173	243
1982	74,411	166	3,959	292	958	202	79,328	173	243	82,190	173	243
1983	79,322	166	4,496	293	944	205	84,762	173	243	87,584	173	243
1984	77,295	167	4,254	290	929	216	82,478	174	244	85,168	173	243
1985	77,232	169	3,894	300	847	212	81,973	175	245	84,492	175	245
1986	72,905	170	3,633	303	752	217	77,290	177	246	79,598	177	246
1987	74,807	171	3,411	306	695	206	78,913	177	248	81,081	177	247
1988	80,766	173	3,961	304	790	213	85,517	179	249	87,795	178	249
1989	81,427	172	4,115	295	786	237	86,328	179	248	88,692	179	248
1990	78,394	175	3,704	298	803	225	82,901	181	249	85,136	180	249
1991	81,567	176	3,633	299	752	227	85,952	182	252	88,169	182	252

¹ All weights calculated using unrounded totals. Totals may not add due to rounding. ² Beginning 1977, packer style.

National Agricultural Statistics Service.

Table 412.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1977-91

Year	Hog-corn price ratio ¹		Price of corn per bushel ²		Year	Hog-corn price ratio ¹		Price of corn per bushel ²	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			Dollars	Dollars				Dollars	Dollars
1977	19.8	20.0	2.03	2.02	1985	17.6	17.8	2.23	2.47
1978	22.4	22.7	2.10	2.08	1986	26.1	(³)	1.50	(³)
1979	18.3	18.5	2.36	2.33	1987	33.6	(³)	1.94	(³)
1980	14.4	14.6	2.70	2.68	1988	19.9	(³)	2.54	(³)
1981	14.9	15.0	2.92	2.90	1989	17.3	(³)	2.36	(³)
1982	23.0	22.5	2.37	2.36	1990	22.5	(³)	2.30	(³)
1983	15.8	16.7	2.99	2.97	1991	24.2	(³)	2.29	(³)
1984	15.4	15.4	3.05	3.08					

¹ Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios, December through November. ² Average of entire month prices. ³ Series discontinued.

National Agricultural Statistics Service.

Table 413.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 6 markets combined, 1977-91

Year	Omaha					Six markets ¹				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	Pounds	Dollars	Pounds	Dollars	Percent	Pounds	Dollars	Pounds	Dollars	Percent
1977	237	40.65	459	36.20	14	234	41.07	454	36.01	10
1978	239	48.29	460	43.36	15	237	48.49	459	43.23	11
1979	241	41.56	450	36.65	18	237	42.06	452	35.43	12
1980	241	39.08	452	36.04	19	237	39.48	447	36.01	12
1981	243	43.87	458	40.40	17	238	44.05	454	40.27	11
1982	244	54.87	454	49.66	19	240	55.07	458	49.59	12
1983	240	47.32	444	40.55	20	239	47.33	455	40.68	13
1984	239	48.53	448	43.04	19	239	48.69	451	43.29	14
1985	244	44.47	473	39.57	15	241	44.50	466	39.41	13
1986	244	50.30	480	45.49	17	242	50.59	469	45.58	13
1987	252	50.88	480	44.11	21	246	51.04	473	44.06	14
1988	252	42.98	486	33.65	25	249	43.25	477	33.38	16
1989	251	43.75	484	37.01	26	249	43.77	477	36.53	18
1990	237	57.38	524	52.71	23	247	54.55	488	49.12	18
1991	251	48.52	479	38.91	24	250	48.46	482	40.63	19

¹ Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

Table 414.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1976-90

Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, skinned, 14- to 17-lb. average ¹	Bacon, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average	Butts, Boston style, 4- to 8-lb. average	Hams, skinned, 14- to 17-lb. average ¹	Bacon, slab, 8- to 12-lb. average
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1976.....	97.68	81.13	91.06	.....	1983.....	115.91	96.07	95.54	.....
1977.....	95.25	75.98	89.08	.....	1984.....	115.81	96.85	99.57	.....
1978.....	109.15	71.77	99.63	.....	1985.....	113.59	90.02	92.90	.....
1979.....	107.65	94.13	94.38	.....	1986.....	104.78	80.11	91.61	.....
1980.....	101.14	87.46	88.99	.....	1987.....	126.51	102.72	105.15	.....
1981.....	113.70	97.56	95.55	.....	1988.....	118.79	92.33	96.52	.....
1982.....	111.51	91.12	91.47	.....	1989 ².....	.....	.....	.....	.....
					1990.....	.....	.....	.....	.....

¹ Delete word "smoked" after 1974. ² Discontinued after 1988.
Agricultural Marketing Service.

Table 415.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1977-91

Year	Supply						Disposition			
	Production				Stocks Jan. 1 ¹	Total ²	Ex- ports ³	Domestic disappearance		
	Federal- ly in- spect- ed	Other commer- cial	Farm	Total				Total	Direct use	
									Total	Total	Per civilian
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Mil- lion pounds</i>	<i>Mil- lion pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Mil- lion pounds</i>	<i>Million pounds</i>	<i>Mil- lion pounds</i>	<i>Pounds</i>
1977.....	994	27	16	1,038	34	1,072	182	861	510	2.3
1978.....	968	23	15	1,006	29	1,035	120	881	486	2.2
1979.....	1,109	32	14	1,129	38	1,167	96	1,021	569	2.5
1980.....	1,173	30	14	1,207	50	1,257	92	1,116	588	2.6
1981.....	1,131	24	12	1,159	49	1,207	149	1,031	573	2.5
1982.....	892	18	9	1,011	37	1,048	103	1,008	586	2.5
1983.....	952	20	7	973	37	1,010	89	888	487	2.1
1984.....	911	17	6	939	34	973	89	846	491	2.1
1985.....	906	17	6	927	39	966	105	826	426	1.8
1986.....	855	14	5	876	35	911	104	785	417	1.7
1987.....	844	13	5	863	22	885	107	745	441	1.8
1988.....			5	932	33	965	127	801	433	1.8
1989.....				⁴ 935	37	972	110	830	442	1.8
1990 ³				910	32	942	63	854	540	1.2

¹ Factory and warehouse stocks as reported by the Bureau of the Census. ² Includes imports, which were less than 500,000 pounds. ³ Discontinued after 1989. ⁴ ERS estimate.
Economic Research Service. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers.

Table 416.—Lard, including rendered pork fat: United States exports by country of destination, 1988-91

Continent and country	1988	1989	1990	1991 ¹	Continent and country	1988	1989	1990	1991 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:					Europe:				
Belize.....	1,704	981	1,386	1,083	Netherlands.....	2	0	0	628
Canada.....	4,478	5,940	6,983	12,119	Spain.....	0	0	0	1,979
Haiti.....	723	1,697	1,238	1,817	Belgium and Luxembourg.....	0	0	0	0
Mexico.....	49,405	36,334	28,032	33,323	United Kingdom.....	4	10	7	0
Netherlands Antilles.....	97	132	0	424	Other countries.....	6	0	2	2,612
Panama.....	20	4	17	73	Total.....	10	10	9	5,219
Other countries.....	10	451	125	325					
Total.....	56,437	45,539	37,781	49,125	Africa.....	2	4	7	43
South America:					Asia.....	1,009	4,381	1,705	2,867
Venezuela.....	33	55	54	0	Oceania.....	0	0	3	3
Colombia.....	51	37	26	27	Grand total ²	57,622	50,074	39,644	54,705
Other countries.....	80	45	58	25					
Total.....	164	137	138	52					

¹ Final. ² May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 417.—Sheep and lambs: Number and value, United States, Jan. 1, 1977-92

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	<i>Thou-sands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thou-sands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	12,722	42.50	540,158	1985.....	10,716	61.10	654,079
1978.....	12,421	51.60	641,476	1986.....	10,145	67.40	684,038
1979.....	12,365	72.10	890,970	1987.....	10,572	75.70	799,254
1980.....	12,699	78.20	993,093	1988.....	10,945	90.00	984,961
1981.....	12,947	69.90	904,303	1989.....	10,858	82.40	894,912
1982.....	12,997	57.10	742,139	1990 ¹	11,363	79.30	901,545
1983.....	12,140	51.80	628,599	1991.....	11,200	65.60	734,868
1984.....	11,559	52.10	602,847	1992.....	10,850	61.40	666,056

¹ Preliminary.

National Agricultural Statistics Service.

Table 418.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1977-92

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1977.....	12,722	1,731	10,991	1,401	379	8,850	361
1978.....	12,421	1,623	10,798	1,508	328	8,588	374
1979.....	12,365	1,579	10,786	1,684	356	8,366	380
1980.....	12,699	1,622	11,077	1,810	368	8,533	366
1981.....	12,947	1,649	11,298	1,790	358	8,780	371
1982.....	12,997	1,564	11,433	1,810	423	8,811	389
1983.....	12,140	1,661	10,479	1,420	343	8,343	374
1984.....	11,559	1,718	9,841	1,243	319	7,936	343
1985.....	10,716	1,596	9,130	1,079	297	7,431	323
1986.....	10,145	1,487	8,658	1,061	321	6,958	318
1987.....	10,572	1,513	9,059	1,311	378	7,037	333
1988.....	10,945	1,581	9,364	1,323	352	7,348	342
1989.....	10,858	1,646	9,212	1,344	346	7,187	334
1990.....	11,363	1,762	9,601	1,324	312	7,609	356
1991.....	11,200	1,730	9,471	1,342	351	7,429	349
1992 ¹	10,850	1,807	9,043	1,174	335	7,182	352

¹ Preliminary.

National Agricultural Statistics Service.

Table 419.—Stock sheep: Number, by classes, by States, Jan. 1, 1991 and 1992

State	Lambs				One year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1991	1992 ¹	1991	1992 ¹	1991	1992 ¹	1991	1992 ¹
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
AL.....	1.5	1.6	1.5	0.8	7.8	9.1	0.7	0.8
AK.....	0.3	0.3	0.2	0.2	1.4	1.3	.6	0.6
AZ.....	22.0	15.0	13.0	9.0	163.0	150.0	7.0	6.0
CA.....	91.0	85.0	41.0	40.0	576.0	562.0	27.0	23.0
CO.....	71.0	56.0	13.0	12.0	363.0	320.0	13.0	12.0
CT.....	1.7	1.5	.7	0.6	7.0	6.8	0.5	0.5
ID.....	43.0	35.0	7.0	4.0	199.0	210.0	6.0	6.0
IL.....	17.0	13.0	3.0	4.0	89.0	85.0	6.0	6.0
IN.....	10.0	10.0	2.0	1.0	74.0	67.0	4.0	4.0
IA.....	43.0	23.0	10.0	8.0	315.0	210.0	12.0	9.0
KY.....	15.0	13.0	4.0	2.0	126.0	120.0	5.0	7.0
LA.....	3.8	3.5	4.5	4.3	25.0	19.5	1.7	1.7
ME.....	1.5	1.9	0.5	0.4	12.5	11.2	1.5	1.5
MD.....	2.7	2.4	1.8	1.5	12.0	10.0	1.2	0.9
MA.....	4.5	4.7	2.5	3.3	21.0	22.0	2.0	3.0
MI.....	2.6	2.6	1.0	1.1	12.0	12.0	1.0	1.0
MN.....	12.0	9.0	2.0	2.0	68.0	63.0	3.0	3.0
MO.....	36.0	26.0	7.0	5.0	170.0	170.0	7.0	9.0
MT.....	12.0	10.0	3.0	6.5	95.0	75.0	7.0	4.5
NE.....	117.0	110.0	12.0	12.0	504.0	510.0	17.0	18.0
NH.....	14.0	10.0	3.0	4.0	98.0	81.0	5.0	5.0
NV.....	13.0	8.0	1.0	1.0	79.0	60.0	3.0	3.0
NJ.....	2.1	2.6	0.9	1.2	7.1	7.1	.7	0.7
NM.....	1.3	2.0	0.8	1.1	7.6	8.8	1.7	1.1
NY.....	60.0	54.0	16.0	11.0	338.0	325.0	21.0	20.0
NC.....	18.0	12.0	10.0	7.0	61.0	50.0	3.0	3.0
ND.....	3.5	2.0	1.0	2.2	11.5	12.6	1.0	1.1
OH.....	22.0	19.0	2.0	4.0	138.0	142.0	5.0	5.0
OK.....	32.0	28.0	4.0	3.0	184.0	170.0	10.0	9.0
OR.....	15.0	17.0	9.0	8.0	86.0	95.0	5.0	5.0
PA.....	43.0	41.0	17.0	16.0	285.0	280.0	15.0	15.0
SD.....	19.0	18.0	13.0	12.0	100.0	96.0	8.0	8.0
TN.....	94.0	64.0	6.0	8.0	438.0	430.0	17.0	15.0
TX.....	1.7	1.6	0.8	0.7	10.0	9.4	1.5	1.3
UT.....	240.0	250.0	90.0	100.0	1,420.0	1,500.0	70.0	80.0
VT.....	58.0	53.0	7.0	7.0	403.0	388.0	12.0	12.0
WA.....	5.2	5.3	3.6	2.9	18.0	16.0	1.5	1.3
WV.....	12.0	8.0	4.0	2.0	98.0	93.0	5.0	5.0
WI.....	15.0	12.0	4.0	6.0	59.0	57.0	3.0	3.0
WY.....	9.0	7.0	5.0	3.0	67.0	55.0	4.0	3.0
WY.....	10.0	12.0	4.0	2.0	67.0	67.0	4.0	4.0
WY.....	130.0	117.0	15.0	10.0	555.0	570.0	20.0	23.0
8 other States ²	16.1	6.8	4.5	5.4	58.0	35.1	9.3	11.0
US.....	1,341.5	1,173.8	351.3	335.2	7,428.9	7,181.9	348.9	352.0

¹ Preliminary. ² Includes AR, DE, FL, GA, HI, MS, RI, and SC.
National Agricultural Statistics Service.

Table 420.—Sheep and lambs: Number of stock sheep and sheep on feed, by States, Jan. 1, 1990-92

State	Stock sheep			Sheep on feed ²		
	1990	1991	1992 ¹	1990	1991	1992 ¹
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
AL.....		11.5	12.3			
AK.....	2.5	2.5	2.4			
AZ.....	220	205	180	42	45	45
CA.....	775	735	710	225	280	285
CO.....	455	460	400	385	250	310
CT.....	9.9	9.9	9.4			
ID.....	270	255	255	16	17	18
IL.....	138	115	108	21	30	21
IN.....	82	90	82	8	10	13
IA.....	400	380	250	90	85	95
KS.....	185	150	142	102	63	48
KY.....	38	35	29			
LA.....	17	16	15			
ME.....	20	17.7	14.8			
MD.....	32	30	33			
MA.....	16.8	16.6	16.7			
MI.....	92	85	77	29	30	26
MN.....	210	220	210	75	80	83
MO.....	120	117	96	18	17	15
MT.....	640	650	650	23	33	38
NE.....	135	120	100	42	45	44
NV.....	97	96	72	4	2.5	13
NH.....	12.6	10.8	11.6			
NJ.....	14	11.4	13.0			
NM.....	473	435	410	22	27	35
NY.....	92	92	72			
NC.....	15	17.0	17.9			
ND.....	152	167	170	34	55	44
OH.....	205	230	210	65	75	65
OK.....	105	115	125	14	20	20
OR.....	345	360	352	110	106	81
PA.....	134	140	134			
SD.....	535	555	517	55	85	85
TN.....	12	14	13			
TX.....	1,890	1,820	1,930	200	180	210
UT.....	485	480	460	24	28	28
VT.....	29.5	28.3	25.5			
VA.....	122	119	108	43	38	35
WA.....	83	81	78			
WV.....	80	85	68			
WI.....	90	85	85	15	18	20
WY.....	705	720	720	100	110	130
9 Oth Sts ³	67.0	87.9	58.3			
US.....	9,601.3	9,470.6	9,042.9	1,762.0	1,729.5	1,807.0

¹ Preliminary. ² Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.

³ Includes AR, DE, FL, GA, HI, MS, RI, and SC.

National Agricultural Statistics Service.

Table 421.—Sheep: Number in specified countries, 1990-92 ¹

Country	1990	1991	1992 ²	Country	1990	1991	1992 ²
	<i>Thou- sand head</i>	<i>Thou- sand head</i>	<i>Thou- sand head</i>		<i>Thou- sand head</i>	<i>Thou- sand head</i>	<i>Thou- sand head</i>
Argentina.....	28,571	27,552	25,706	Netherlands.....	1,702	1,878	1,900
Australia.....	177,841	173,396	157,222	New Zealand.....	60,569	57,852	57,740
Belgium-Luxembourg.....	158	163	163	Poland.....	4,196	3,798	2,900
Bulgaria.....	7,988	7,938	6,703	Portugal.....	3,347	3,413	3,547
China (Mainland).....	211,642	210,021	205,000	Romania.....	15,442	13,886	13,466
Czechoslovakia.....	1,051	1,087	1,087	Saudi Arabia.....	6,457	5,692	5,072
Denmark.....	100	111	125	South Africa, Rep.....	32,665	32,580	32,500
Egypt.....	3,534	3,554	3,439	Spain.....	25,447	24,037	24,500
France.....	11,500	11,500	11,295	Turkey.....	45,300	45,000	44,600
Germany.....	4,136	3,239	2,488	Former Soviet Union.....	138,400	133,300	128,000
Greece.....	10,150	9,759	9,694	United Kingdom.....	29,521	29,954	30,043
Hungary.....	2,069	1,865	1,723	United States.....	11,363	11,200	10,850
India.....	47,277	48,248	48,178	Yugoslavia.....	7,596	7,431	7,264
Ireland.....	5,782	6,001	6,190	Total.....	905,499	886,030	853,170
Italy.....	11,695	11,575	11,775				

¹ Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible. ² Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 422.—Sheep and lambs: Average price per 100 pounds at San Angelo, 1977-91 ¹

Year	Sheep			Slaughter lambs			
	Good	Utility	Cull	Shorn		Spring	
				Prime	Choice	Prime	Choice
1977.....	19.12	15.92	12.73	52.22	53.54	56.46	54.68
1978.....	28.39	23.85	19.18	.....	65.56	74.82	71.19
1979.....	30.20	27.48	22.68	.....	69.35	.....	73.55
1980.....	24.16	20.02	16.14	.....	64.41	70.50	68.18
1981.....	26.26	22.25	17.98	.....	56.73	.....	64.42
1982.....	21.80	17.80	13.77	.....	57.12	.....	64.25
1983.....	16.85	13.61	10.56	.....	56.47	.....	60.70
1984.....	20.04	15.58	11.49	.....	61.30	.....	62.84
1985.....	34.02	28.87	21.61	66.88	68.06	71.47	71.90
1986.....	35.10	28.20	20.44	66.95	66.95	73.06	73.06
1987.....	38.62	31.23	23.87	77.36	77.36	82.64	82.52
1988.....	38.88	31.30	22.98	70.84	70.52	66.71	66.71
1989.....	38.58	30.78	21.93	66.06	66.06	71.48	71.48
1990.....	35.21	28.60	20.03	53.42	53.42	53.83	59.31
1991.....	31.98	27.12	17.89	51.86	51.86	55.97	55.97

¹ Simple average of monthly bulk-of-sales prices from data of the livestock reporting service. Agriculture Marketing Service.

Table 423.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1989-91 ¹

State	1989		1990		1991 ²	
	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
	Thousands	Percent	Thousands	Percent	Thousands	Percent
AL.....			7.4		6.8	87
AK.....	0.7	50	0.8	53	0.7	50
AZ.....	130	70	115	68	105	64
CA.....	550	87	535	86	520	90
CO.....	400	113	425	113	385	106
CT.....	8.6	148	8.2	117	8	114
ID.....	270	123	255	119	275	138
IL.....	160	163	115	109	105	118
IN.....	90	132	90	134	98	132
IA.....	385	131	430	130	400	127
KS.....	145	112	134	87	126	100
KY.....	31	124	31	111	26	104
LA.....	11	92	10.5	86	10	80
ME.....	16	145	15	107	12.5	104
MD.....	23	100	23	109	25	119
MA.....	13	134	15	125	14.5	121
MI.....	95	132	85	113	78	115
MN.....	225	132	220	133	225	132
MO.....	110	126	110	110	95	100
MT.....	500	115	535	109	585	116
NE.....	125	129	120	108	110	112
NV.....	84	120	80	100	65	82
NH.....	12	158	10	114	10	141
NJ.....	10	111	12	126	11	145
NM.....	290	76	260	70	250	74
NY.....	67	118	64	107	57	93
NC.....	11	116	12	114	13.8	120
ND.....	156	141	171	143	180	130
OH.....	200	121	205	124	206	112
OK.....	90	96	85	104	95	110
OR.....	310	111	320	115	320	112
PA.....	98	108	100	105	101	101
SD.....	515	120	540	122	530	121
TN.....	9.7	120	10	109	9	90
TX.....	1,150	92	1,150	77	1,270	89
UT.....	430	106	430	106	400	99
VT.....	25	147	24	126	22	122
VA.....	130	137	124	124	120	122
WA.....	75	147	70	121	70	119
WV.....	75	121	75	121	65	97
WI.....	100	152	94	132	96	143
WY.....	550	99	550	101	570	103
8 Other States ³	49.0	120	38.1	83	28.8	50
US.....	7,725.0	107	7,704.0	101	7,700.1	104

¹ Lamb crop defined as lambs born in the native States and lambs docked or branded in the Western States.² Preliminary. ³ Includes AR, DE, FL, GA, HI, MS, RI, and SC.

National Agricultural Statistics Service.

Table 424.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1977–91

Year	Lamb crop ¹	Marketings ²		Inshipments	Farm slaughter	Quantity produced (live weight) ³
		Sheep	Lambs			
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 pounds</i>
1977.....	8,573	1,450	7,361	2,148	198	706,395
1978.....	7,927	1,439	6,529	2,148	174	686,869
1979.....	7,974	1,347	6,636	2,143	172	704,593
1980.....	8,257	1,395	6,743	2,216	166	746,343
1981.....	8,820	1,510	7,109	1,885	189	772,382
1982.....	8,580	2,124	7,358	2,115	195	785,425
1983.....	8,214	1,779	7,053	1,816	171	769,014
1984.....	7,837	1,690	6,964	1,839	141	699,776
1985.....	7,501	1,653	6,593	1,696	136	704,059
1986.....	7,396	1,280	6,067	1,775	127	725,908
1987.....	7,242	1,195	6,194	1,772	111	733,111
1988.....	7,206	1,566	5,939	1,518	99	707,148
1989.....	7,725	1,058	6,492	1,674	98	775,620
1990.....	7,704	1,616	6,322	1,495	96	758,417
1991 ⁴	7,700	1,680	6,597	1,537	92	768,303

Year	Value of production	Cash receipts for sales of sheep, lambs, and mutton and lamb ⁵	Value of sheep and lambs slaughtered for home consumption	Gross income ⁶	Average price per 100 pounds received by farmers	
					Sheep	Lambs
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1977.....	320,323	386,372	9,866	396,238	13.50	51.30
1978.....	381,621	452,935	11,223	464,158	21.80	62.80
1979.....	406,766	470,387	11,774	482,161	26.30	66.70
1980.....	402,689	470,782	11,636	482,418	21.30	63.60
1981.....	359,085	416,081	12,334	428,415	21.20	54.90
1982.....	355,703	445,134	13,000	458,134	19.50	53.10
1983.....	355,969	422,828	11,041	433,869	15.70	53.90
1984.....	377,395	459,687	13,256	472,943	16.40	60.10
1985.....	434,228	514,471	12,285	526,756	23.90	67.70
1986.....	444,684	481,275	12,602	493,877	25.60	69.00
1987.....	502,642	558,067	14,454	572,521	29.50	77.60
1988.....	420,164	477,950	9,694	487,644	25.60	69.10
1989.....	445,777	489,196	10,019	499,215	24.40	66.10
1990.....	362,035	414,225	8,637	422,862	23.20	55.50
1991 ⁴	341,562	399,097	7,861	406,958	19.70	52.20

¹ Lamb crop defined as lambs born in the native States, plus lambs docked or branded in the Western States for the period Oct. 1 through Sept. 30. ² Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State. ³ Adjustments made for changes in inventory and for inshipments. ⁴ Preliminary. ⁵ Receipts from marketings and sale of farm-slaughtered meat. ⁶ Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

National Agricultural Statistics Service.

Table 425.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1991 (preliminary)

State	Marketings ¹		Shipped in	Slaughter on farms ²	Quantity produced (live weight) ³	Value of production	Cash receipts from sales of sheep, lambs, and mutton and lamb ⁴	Value of sheep and lambs slaughtered for home consumption	Gross income ⁵
	Sheep	Lambs							
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	0.1	3.3	0.1	0.1	540	207	199	2	201
AK.....	0.3	0	0	0.3	74	29	30	5	35
AZ.....	52	158	106	13	12,905	5,201	8,883	432	9,315
CA.....	130	583	248	7	65,796	30,438	40,984	571	41,555
CO.....	143	480	310	2	52,853	25,386	35,459	242	35,701
CT.....	2.3	5	0	0.2	663	478	457	57	514
ID.....	28	223	12	2	27,728	11,261	11,541	198	11,739
IL.....	24	132	62	5	11,390	4,872	6,806	725	7,531
IN.....	20.5	68	10	1.5	7,775	3,150	3,304	176	3,480
IA.....	143	376	75	1	38,026	18,964	25,315	35	25,350
KS.....	25	180	80	1	17,816	8,850	11,933	205	12,138
KY.....	17.3	14.7	6.5	0.5	2,229	865	1,079	72	1,151
LA.....	1.5	5.2	0	0.8	499	237	232	27	259
ME.....	6.4	7.5	0	0.3	1,040	682	800	45	845
MD.....	5	15	4	2	2,435	1,074	571	515	1,086
MA.....	3.1	9.4	0	0.2	1,214	999	926	62	988
MI.....	14	64	1	1	7,950	3,700	3,957	228	4,185
MN.....	35	209	52	1	24,879	11,300	13,167	207	13,374
MO.....	30.7	66.3	5	0.5	7,050	3,154	3,837	69	3,906
MT.....	94	412	16	2	48,585	19,000	19,087	180	19,267
NE.....	36	146	80	1	11,986	5,434	8,629	89	8,718
NV.....	24	39	11.5	3	4,300	1,659	2,237	109	2,346
NH.....	2.4	5.1	0	0.3	375	1,635	470	93	563
NJ.....	8	20.5	21.6	1	869	417	1,132	86	1,218
NM.....	70	149	27	20	18,535	7,791	8,136	1,127	9,263
NY.....	34	33	5	2	3,865	1,369	2,038	231	2,269
NC.....	1.5	6.7	0	0.2	894	819	287	14	301
ND.....	17	156	15	2	15,075	6,640	7,292	162	7,454
OH.....	46	166	10	1	18,930	8,526	9,652	36	9,688
OK.....	10.5	66	8	1	8,378	3,437	3,286	80	3,366
OR.....	44	262	0	4	32,940	13,963	14,972	408	15,380
PA.....	31	60	0	1	9,824	4,026	3,992	227	4,219
SD.....	86	438	37	1	55,701	25,103	27,959	100	28,059
TN.....	6	5.4	4	0.3	604	286	395	12	407
TX.....	204	954	169	1	133,775	62,441	64,464	121	64,585
UT.....	62	305	11	5	33,165	12,970	13,574	389	13,963
VT.....	10.4	12.1	0	0.4	2,059	1,221	1,316	60	1,376
VA.....	13	100	1	1	10,912	4,954	5,379	109	5,488
WA.....	16	53	7	1	6,777	2,635	2,962	88	3,050
WV.....	21	43.7	1	0.3	4,620	1,911	2,354	0	2,354
WY.....	11	67	4	1	9,120	4,256	4,179	96	4,275
Other ⁶	137	465	133	3	52,254	20,763	23,880	173	24,053
US.....	1,680	6,597	1,537	92	768,303	341,562	399,097	7,861	406,958

¹ Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. ² Excludes custom slaughter for farmers at commercial establishments. ³ Adjustments made for changes in inventory and for insipments. ⁴ Receipts from marketings and sale of farm-slaughter. ⁵ Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption. ⁶ Includes AL, AR, DE, FL, GA, HI, MS, RI, and SC.

National Agricultural Statistics Service.

Table 426.—Sheep and lambs: Receipts at selected public stockyards, 1977-91 ¹

Year	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting ^{2 3}
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>
1977	4	14	73	25	36	165	47	1,247	1,611
1978	2	12	51	22	19	126	29	993	1,254
1979	1	14	54	18	20	126	23	1,037	1,293
1980	1	21	52	16	20	146	24	1,034	1,314
1981	1	20	44	17	17	146	25	1,033	1,303
1982	(⁴)	21	33	21	18	137	24	1,176	1,430
1983		17	24	22	21	131	18	1,072	1,305
1984		15	21	22	19	116	12	1,093	1,298
1985		12	15	18	13	105	8	794	965
1986		8	14	15	9	87	10	738	881
1987		5	13	14	7	74	18	767	898
1988		4	13	15	3	75	19	888	1,017
1989		4	13	15	5	85	19	858	998
1990		4	13	16	5	89	17	961	1,105
1991			13	16	9	95	18	1,142	1,293

¹ Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978. ² Rounded totals of complete figures. ³ The number of stockyards reporting varies from 41 to 68. ⁴ Data no longer reported. Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 427.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1991 ¹

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	<i>Thou-sands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thou-sands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
AL				N ENG ²	31.8	3,028	95
AZ	1.6	163	103	NJ	104.4	9,857	94
AR				NM			
CA				NY	77.7	7,303	94
CO	1,559.0	219,110	141	NC	1.4	128	92
DE and MD				ND	1.4	165	121
FL				OH	26.6	2,763	104
GA	1.6	142	90	OK	2.1	247	116
HI	0.2			OR	9.8	1,139	117
ID	5.5	672	121	PA	136.5	14,119	103
IL				SC			
IN	33.9	3,389	100	SD	139.0	17,017	122
IA				TN	0.9	90	99
KS	311.8	38,427	123	TX			
KY	13.6	1,629	120	UT			
LA	5.3	552	94	VA	21.7	2,171	100
MI				WA			
MN	306.2	36,864	120	WV	1.1	120	107
MO				WI	11.5	1,310	114
MT	4.4	546	124	WY	2.4	286	121
NE	1.5	190	124	US	5,720.9	710,857	124
NV							

¹ Includes slaughter in federally inspected and other slaughter plants in Alaska. ² Includes. ³ Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. ⁴ Data not shown to avoid disclosing individual operations, but are included in U.S. totals.

National Agricultural Statistics Service.

Table 428.—Sheep and lambs: Number slaughtered, United States, 1977-91

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federal-ly inspected	Other	Total ¹				Federal-ly inspected	Other	Total ¹		
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1977	6,133	223	6,356	198	6,554	1985	5,976	189	6,165	135	6,300
1978	5,169	200	5,369	174	5,543	1986	5,464	171	5,635	127	5,762
1979	4,833	184	5,017	172	5,189	1987	5,042	158	5,200	112	5,312
1980	5,363	216	5,579	166	5,745	1988	5,122	171	5,293	99	5,392
1981	5,789	219	6,008	189	6,197	1989	5,295	170	5,465	94	5,559
1982	6,273	175	6,449	195	6,644	1990	5,469	185	5,654	96	5,750
1983	6,412	207	6,619	171	6,790	1991	5,504	217	5,721	92	5,813
1984	6,549	210	6,759	141	6,900						

¹ Totals are based on unrounded numbers.

National Agricultural Statistics Service.

Table 429.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1977-91 ¹

Year	Federally inspected									Commercial		
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs		
	Head	Pct. of total	Avg. dressed weight	Head	Pct. of total	Avg. dressed weight	Head	Avg. dressed weight	Avg. live weight	Head	Avg. dressed weight	Avg. live weight
	1,000		Pounds	1,000		Pounds	1,000	Pounds	Pounds	1,000	Pounds	Pounds
1977	5,643	92.0	54	489	8.0	55	6,133	54	108	6,356	54	108
1978	4,810	93.1	57	359	6.9	56	5,169	56	113	5,369	56	112
1979	4,499	93.1	57	334	6.9	55	4,833	57	114	5,017	57	114
1980	4,970	92.7	56	393	7.3	53	5,363	56	112	5,579	56	112
1981	5,388	93.1	55	401	6.9	53	5,789	55	110	6,008	54	110
1982	5,820	92.8	56	454	7.2	53	6,273	56	111	6,449	56	111
1983	5,933	92.5	56	479	7.5	54	6,412	56	113	6,619	56	112
1984	6,035	92.2	56	513	7.8	54	6,549	56	111	6,759	56	111
1985	5,578	93.8	58	399	6.7	56	5,976	57	115	6,165	57	114
1986	5,154	94.3	59	310	5.7	57	5,464	59	118	5,635	59	117
1987	4,771	94.6	60	271	5.4	59	5,042	60	120	5,200	60	119
1988	4,829	94.3	63	293	5.7	59	5,122	63	124	5,293	63	124
1989	4,961	93.7	64	334	6.3	58	5,295	63	125	5,465	63	124
1990	5,146	94.1	64	323	5.9	59	5,469	64	126	5,654	63	125
1991	5,173	94.0	64	330	6.0	58	5,504	63	125	5,721	63	124

¹ All percents and weights calculated using unrounded totals.

National Agricultural Statistics Service.

Table 430.—Livestock: Average price per 100 pounds received by farmers, by States, 1990 and 1991

State	Cows ¹		Steers and heifers		Beef cattle ²		Calves	
	1990	1991	1990	1991	1990	1991	1990	1991
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
AL.....	51.00	51.90	79.20	83.30	69.60	76.60	90.10	91.90
AK.....	52.00	55.00	70.00	73.00	62.00	68.00	76.00	81.00
AZ.....	51.30	49.30	76.50	76.50	71.70	73.20	91.90	94.90
AR.....	51.30	50.70	82.80	84.10	66.10	65.80	94.60	99.70
CA.....	50.60	46.20	76.40	76.30	65.00	64.10	89.40	93.10
CO.....	53.10	51.50	80.00	76.30	78.50	75.30	99.80	108.00
CT.....	52.00	50.00	69.00	64.00	61.00	61.00	77.00	85.00
DE.....	53.90	52.30	72.20	70.00	65.80	63.80	107.00	115.00
FL.....	52.40	50.00	78.80	80.10	59.50	59.10	97.80	108.00
GA.....	51.80	52.10	76.40	79.20	61.10	59.10	89.00	93.50
HI.....	34.20	34.40	51.50	51.40	48.40	48.00	55.90	63.50
ID.....	49.10	47.80	73.70	71.20	68.00	64.90	93.10	96.40
IL.....	50.80	48.80	76.60	73.00	75.70	72.30	119.00	118.00
IN.....	51.20	49.50	73.30	69.40	66.90	62.80	83.10	82.70
IA.....	52.60	50.80	78.10	75.10	75.90	72.30	95.60	97.50
KS.....	53.70	50.30	79.10	76.20	78.00	75.30	96.40	97.40
KY.....	49.60	47.80	79.50	80.60	70.80	71.00	89.60	93.00
LA.....	49.50	50.00	79.20	81.00	59.80	60.00	94.10	98.10
ME.....	53.00	57.00	64.00	66.00	62.00	64.00	77.00	85.00
MD.....	53.90	52.30	72.20	70.00	65.80	63.80	107.00	115.00
MA.....	50.00	48.00	63.00	64.00	60.00	61.00	77.00	85.00
MI.....	51.30	48.90	70.80	68.00	63.20	60.80	99.00	98.20
MN.....	50.70	48.40	74.90	70.80	70.30	66.90	100.00	102.00
MS.....	50.60	51.50	79.40	81.10	60.30	61.80	94.30	97.40
MO.....	52.10	49.70	84.60	85.70	78.90	78.40	93.80	96.60
MT.....	51.00	50.10	83.30	84.90	70.60	69.80	95.30	93.70
NE.....	52.00	49.20	80.00	76.50	76.60	74.30	100.00	99.80
NV.....	47.70	47.90	76.30	78.10	69.10	70.50	90.40	94.40
NH.....	51.00	55.00	64.00	65.00	61.00	63.00	76.00	83.00
NJ.....	50.40	48.60	65.20	66.50	53.60	51.00	107.00	104.00
NM.....	52.10	52.40	77.30	73.80	68.00	66.60	96.80	101.00
NY.....	48.70	47.00	66.50	64.40	51.10	50.00	104.00	114.00
NC.....	53.60	51.90	74.20	73.50	63.50	62.30	86.50	90.00
ND.....	50.80	48.60	83.80	84.60	76.00	75.60	96.70	96.40
OH.....	50.20	47.60	75.60	74.10	71.70	69.40	87.90	88.50
OK.....	50.80	51.30	84.30	84.60	73.10	76.80	94.70	98.70
OR.....	49.10	46.70	79.10	80.40	69.50	71.30	88.80	91.50
PA.....	50.80	50.40	73.40	71.90	65.60	64.90	112.00	118.00
RI.....	52.00	50.00	63.00	64.00	61.00	61.00	77.00	85.00
SC.....	52.00	51.90	76.10	77.50	60.40	62.10	93.20	98.20
SD.....	52.00	50.10	81.60	81.20	76.60	76.60	101.00	99.50
TN.....	50.70	49.90	77.40	79.90	65.50	65.40	88.10	93.30
TX.....	53.10	52.00	78.90	76.70	76.80	75.20	94.30	96.20
UT.....	50.90	48.80	76.80	72.60	73.80	71.30	93.90	95.80
VT.....	51.00	55.00	64.00	65.00	61.00	63.00	76.00	81.00
VA.....	49.50	47.60	77.70	78.50	70.30	69.70	84.40	88.70
WA.....	49.30	46.70	77.20	73.20	73.30	69.80	88.60	90.20
WV.....	46.50	47.50	77.50	72.00	72.90	67.80	84.50	85.00
WI.....	51.10	49.20	72.80	69.50	61.50	58.90	140.00	134.00
WY.....	57.30	52.70	86.30	86.10	76.30	77.70	101.00	101.00
US.....	51.50	49.80	78.80	76.60	74.60	72.70	95.60	98.00

See footnotes at end of table.

Table 430.—Livestock: Average price per 100 pounds received by farmers, by States, 1990 and 1991—Continued

State	Hogs ⁴		Lambs		Sheep	
	1990	1991	1990	1991	1990	1991
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
AL.....	49.60	45.30		50.00		21.00
AK.....	78.00	60.00	65.00	70.00	30.00	35.00
AZ.....	54.60	49.40	62.10	48.40	24.00	19.80
AR.....	48.90	44.00				
CA.....	58.40	57.90	60.10	53.80	18.90	17.90
CO.....	55.80	52.10	54.40	54.00	24.10	22.40
CT.....	49.00	47.00	100.00	95.00	34.00	34.00
DE.....	50.90	45.60				
FL.....	49.30	43.10				
GA.....	53.00	47.90				
HI.....	79.40	80.00				
ID.....	51.30	47.70	48.90	45.00	17.30	17.90
IL.....	53.90	48.50	53.10	48.30	17.40	14.10
IN.....	52.60	47.60	51.30	45.60	20.30	18.60
IA.....	54.70	50.50	53.30	51.40	20.30	20.10
KS.....	50.50	47.30	55.50	53.20	23.00	18.30
KY.....	53.70	47.60	50.00	50.00	17.00	17.00
LA.....	46.00	43.80	56.00	52.00	26.50	24.00
ME.....	49.00	47.00	100.00	88.00	34.00	34.00
MD.....	50.90	45.60	57.30	57.30	22.60	19.70
MA.....	49.00	47.00	105.00	105.00	34.00	34.00
MI.....	52.30	47.10	55.00	51.80	16.00	16.70
MN.....	55.20	50.50	53.70	51.70	19.80	18.60
MS.....	52.20	45.70				
MO.....	53.80	47.90	50.80	48.40	19.70	18.50
MT.....	50.00	44.40	48.30	46.80	17.60	18.50
NE.....	54.80	49.40	54.00	50.30	21.90	20.70
NV.....	44.00	45.60	47.70	46.30	17.00	15.00
NH.....	49.00	47.00	100.00	94.00	34.00	34.00
NJ.....	48.70	44.40	60.70	56.20	34.40	20.20
NM.....	50.70	45.50	50.20	48.60	26.40	25.60
NY.....	49.40	45.40	58.90	54.40	21.50	19.80
NC.....	51.80	47.20	50.00	48.20	21.00	15.30
ND.....	50.40	45.60	51.20	49.10	20.80	18.20
OH.....	52.40	47.80	54.50	50.00	20.20	16.30
OK.....	51.40	45.00	50.90	48.30	21.60	21.70
OR.....	54.70	53.10	51.80	47.40	17.50	16.00
PA.....	54.30	48.80	58.60	54.10	21.20	18.30
RI.....	49.00	47.00				
SC.....	51.90	47.50				
SD.....	54.10	49.40	54.20	51.00	23.30	19.20
TN.....	50.40	46.80	55.90	53.90	23.00	20.20
TX.....	48.20	45.10	58.90	52.70	29.80	27.40
UT.....	48.20	42.80	48.50	43.20	18.70	20.40
VT.....	49.00	47.00	98.00	83.00	34.00	34.00
VA.....	53.50	49.60	53.00	49.00	17.00	15.00
WA.....	50.70	44.50	53.10	46.20	17.00	14.10
WV.....	52.60	47.60	51.00	46.00	16.00	14.00
WI.....	52.80	47.60	54.20	51.90	12.00	14.00
WY.....	53.20	47.40	50.00	49.50	17.80	18.30
US.....	53.70	49.10	55.50	52.20	23.20	19.70

¹ Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement. ² Weighted average of prices for cows, and for steers and heifers. ³ 1990 all beef revised. ⁴ December of preceding year through November.

National Agricultural Statistics Service.

Table 431.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1977–91

Year	Sheep and lambs shorn ¹	Weight per fleece	Shorn wool production	Price per pound ²	Value of production ³	Pulled wool production	
						Average weight per skin	Total
	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	1,000 pounds
1977.....	13,217	8.12	107,328	72.0	77,276	3.30	2,450
1978.....	12,719	8.09	102,942	74.5	76,690	3.15	1,000
1979.....	13,069	8.02	104,867	86.3	90,536	3.20	900
1980.....	13,263	7.95	105,419	88.1	92,846	3.10	1,050
1981.....	13,493	8.14	109,787	94.5	108,665	3.05	1,150
1982.....	13,199	8.04	106,129	68.4	72,782	(*)	(*)
1983.....	12,866	8.00	102,890	61.3	62,980		
1984.....	12,322	7.77	95,670	79.5	75,988		
1985.....	11,247	7.88	88,055	63.3	55,732		
1986.....	10,827	7.82	84,372	66.8	56,331		
1987.....	10,922	7.75	84,450	91.7	77,009		
1988.....	11,531	7.76	89,482	138.0	124,993		
1989.....	11,314	7.89	89,220	124.0	110,537		
1990.....	11,222	7.84	88,033	80.0	69,534		
1991 ⁶	10,902	7.98	86,970	55.0	46,815		

Year	Total wool production ⁶	Raw wool supply (clean)				Total new supply ¹¹
		Domestic production ⁷	Exports ⁸	Imports for consumption		
				48's and Finer ⁹	Not Finer than 46's ¹⁰	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1977.....	109,778	58,455	385	36,303	22,655	117,028
1978.....	103,942	55,082	425	27,000	23,404	105,061
1979.....	105,767	56,022	313	20,283	22,047	98,039
1980.....	106,469	56,426	304	30,491	25,992	112,605
1981.....	110,937	58,806	307	48,106	26,145	132,750
1982.....	106,129	56,036	1,351	39,988	21,433	116,106
1983.....	102,890	54,326	1,014	49,371	28,688	131,371
1984.....	95,670	50,514	488	63,271	30,905	144,202
1985.....	88,055	46,493	1,415	50,164	29,308	124,550
1986.....	84,372	44,548	788	66,090	30,901	140,751
1987.....	84,450	44,590	1,037	74,054	31,066	148,673
1988.....	89,482	47,246	1,247	72,324	24,417	142,740
1989.....	89,220	47,108	1,188	77,003	29,937	152,860
1990.....	88,033	46,481	2,736	50,328	21,388	115,461
1991 ⁶	86,970	45,920	3,867	68,242	18,214	128,509

¹ Includes sheep shorn at commercial feeding yards. ² Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool. ³ Production by States multiplied by annual average price. ⁴ Estimates discontinued in 1982. ⁵ Preliminary. ⁶ Beginning 1982, shorn wool only. ⁷ Conversion factors from grease basis to clean basis are as follows: Shorn wool production—52.8 percent (Stat. Bull. 616) from 1974–1988 pulled wool production—72.9 percent. ⁸ Includes carpet wool exports. ⁹ Prior to 1989, known as dutiable imports. ¹⁰ Prior to 1989, known as duty-free imports. In 1991 includes 18,166,376 pounds of imported raw wool not finer than 46's and 47,245 pounds of miscellaneous imported raw wool. ¹¹ Production minus exports plus imports; stocks not taken into consideration.

Economic Research Service and National Agricultural Statistics Service. Imports and exports from reports of the U.S. Department of Commerce.

Table 432.—Wool: Price-support operations, United States, 1977-91

Marketing year	Shorn wool price per pound		Payment rate		Markettings covered by payments ³		Amount of payments ⁴		
	Support	Season average received by producers	Average for shorn wool per pound ¹	Unshorn lambs per cwt. ²	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Million dollars	Million dollars	Million dollars
1977.....	99	72.0	37.5	108	96	424	24.3	4.6	28.9
1978.....	108	74.5	48.0	134	92	386	29.6	5.2	34.8
1979.....	115	86.3	33.3	115	95	392	26.3	4.5	30.8
1980.....	123	88.1	39.6	140	96	388	32.0	5.5	37.5
1981.....	135	94.5	42.9	162	104	444	40.3	6.7	47.0
1982.....	137	68.4	100.3	274	88	515	59.2	12.5	71.7
1983.....	153	61.3	149.6	367	114	550	99.2	17.5	116.7
1984.....	165	79.5	107.5	342	94	536	76.3	15.7	92.0
1985.....	165	63.3	160.7	407	85	532	82.7	18.6	101.3
1986.....	178	66.8	166.5	445	81	601	86.2	20.7	106.8
1987.....	181	91.7	97.4	357	79	620	67.7	16.9	84.4
1988.....	178	138.0	29.0	160	82.1	540	31.4	7.3	38.7
1989.....	177	124.0	42.7	212	79.5	576	40.9	9.8	50.7
1990.....	182	80.0	127.5	408	81.4	606	80.3	19.9	100.2
1991.....									

¹ Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of shorn wool. ² For unshorn lambs sold. ³ Unadjusted for weight of unshorn lambs produced. ⁴ Payments for wool marketed during the year shown are made after Mar. 31 of the following year. This includes deductions for American Sheep Council.

Agricultural Stabilization and Conservation Service.

Table 433.—Wool: Average price per pound, clean basis, delivered to United States mills, 1977-91

Year	Territory ¹		Fleece % blood good French combing and staple ²	Australian 64's good topmaking (in bond, American yield)
	Fine good French combing and staple	% blood good French combing and staple		
	Cents	Cents	Cents	Cents
1977 ³	183	161	158	222
1978.....	189	169	164	234
1979.....	218	182	175	277
1980.....	245	195	186	309
1981.....	278	185	177	316
1982.....	247	152		300
1983.....	212	133		274
1984.....	229	172		278
1985.....	192	136		259
1986.....	191	139		248
1987.....	265	168		367
1988.....	438	224		584
1989.....	370	205		472
1990.....	256	138		413
1991.....	199	109		280

¹ Wool grown in the range areas of California, Oregon, Washington, Texas, the intermountain States (including Arizona and New Mexico), and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color. ² Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi River and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage. ³ Before January 1976 the unit designation terminology for wool prices changed to microns. For example 64's (20.60-22.04 microns) formerly was fine good French combing and staple. Two designations 56's (26.40-27.84 microns) and 58's (24.95-26.39 microns) have been averaged in the price data shown here and together were formerly the category fleece % blood good French combing and staple.

USDA—Economic Research Service and Agricultural Marketing Service.

Table 434.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1982-91^{1 2 3}

Item	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Apparel wool:										
Woolen system:	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
60's and finer.....	23.8	30.5	32.9	28.0	34.1	32.4	23.8	24.1	26.2	32.0
Coarser than 60's.....	24.6	30.2	32.3	27.7	32.2	28.6	20.9	21.8	24.9	26.6
Total.....	48.4	60.7	65.2	55.7	66.3	61.0	44.7	45.9	51.1	58.6
Worsted system:										
60's and finer.....	36.2	42.4	39.7	33.6	41.7	53.8	54.5	56.1	50.6	56.5
Coarser than 60's.....	21.3	23.6	24.1	16.7	18.8	14.9	17.9	18.5	18.9	22.1
Total.....	57.5	66.0	63.8	50.3	60.5	68.7	72.4	74.6	69.5	78.6
Total apparel:										
60's and finer.....	60.0	72.9	72.6	61.6	75.8	86.2	78.3	80.2	76.8	88.5
Coarser than 60's.....	45.9	53.8	56.4	44.4	51.0	43.5	38.8	40.3	43.8	48.7
Total.....	105.9	126.7	129.0	106.0	126.8	129.7	117.1	120.5	120.6	137.2
Carpet wool.....	9.8	13.9	13.1	10.6	10.0	13.1	15.6	14.1	12.1	14.3
Grand total mill.....	115.7	140.6	142.1	116.6	136.8	142.8	132.7	134.6	132.7	151.5

¹ Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes and (2) on the worsted system as the sum of top and noil production. ² Domestic, duty-paid and duty-free foreign.

³ Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 435.—Wool: United States imports (for consumption), clean content, by grades, 1981-91^{1 2}

Grade	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
48's and finer:	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Finer than 58's ³	39.7	32.2	41.6	50.3	40.8	54.0	64.1	65.6	68.3	44.5	57.3
48's-58's ⁴	8.4	7.8	7.8	13.0	9.4	12.1	9.9	6.7	8.7	5.6	11.0
Total.....	48.1	40.0	49.4	63.3	50.2	66.1	74.0	72.3	77.0	50.3	68.3
Not Finer than 46's:											
Wool for special use ⁵	3.3	.8	.5	.4	.6	.9	1.2	1.5	6.2	1.9	0.6
Not finer than 40's ⁶	8.0	7.4	8.8	7.8	6.2	7.2	9.1	4.5	4.3	6.2	7.3
Finer than 40's-44's ⁷	5.9	5.1	5.8	6.0	6.9	9.2	13.9	13.5	11.5	7.5	4.5
46's ⁸	9.0	8.1	13.6	16.7	15.6	13.6	6.9	4.9	7.9	5.8	5.8
Total.....	26.2	21.4	28.7	30.9	29.3	30.9	31.1	24.4	29.9	21.4	18.2
Miscellaneous ⁹											
Grand total.....	74.3	61.4	78.1	94.2	79.5	97.0	105.1	96.7	106.9	71.7	86.5

¹ Natural fiber grown by sheep or lambs. ² Beginning 1989 the following Harmonized Tariff Schedule numbers are in the above 7 ps. 0, 5101.19.606060, 5101.19.6060, 5101.21.4000, 5101.21.4000, 5101.29.4060, 0.5(5101.30.4000).

³ 5101.11.6030, 5101.19. 6030, 5101.21.4030, 5101.29.4030, 0.5(5101.30.4000). ⁴ 5101.11.1000, 5101.19.1000, 5101.21.1000, 5101.29.1000. ⁵ 5101.11.2000, 5101.19.2000, 5101.21.1500, 5101.29.1500, 5101.30.1000. ⁶ 5101.11.4000, 5101.19.4000, 5101.21.3000, 5101.29.3000, 5101.30.1500. ⁷ 5101.11.5000, 5101.19.5000, 5101.21.3500, 5101.29.3500, 5101.30.3000. ⁸ 5101.21.6000, 5101.29.6000, 5101.30.6000. They include wool not carded or combed but processed beyond the scoured or carbonized condition, e.g. dyed. This wool is not identified by use or grade. In 1989 this quantity was 48,074 pounds and 1990 was 32,979 pounds.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 436.—Wool: United States imports (for consumption), clean content, by country of origin, 1982-91 ¹

Country of origin	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991 ²
48's and finer: ³	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
Argentina.....	4.2	1.4	2.1	0.2	0.6	0.3	1.5			0.6
Australia.....	24.7	35.0	41.8	39.0	52.0	62.4	51.6	66.8	43.0	59.5
Canada.....	.2	.1	.3	.1	.3	.5	.4	.4	.2	0.4
Chile.....	1.0	.3	.5	.5	.7	.6	.5	.5	.4	0.4
New Zealand.....	1.5	2.3	5.6	3.6	5.4	4.1	4.2	4.7	2.7	3.5
South Africa.....	4.7	8.3	8.8	4.1	4.5					0.3
United Kingdom.....	.1		.2	.3	.3	.6	.5	.5	.3	0.2
Uruguay.....	3.1	1.7	3.5	1.9	2.2	4.0	2.2	1.6	1.7	1.7
Other.....	.5	.3	.5	.5	.1	1.5	1.4	2.5	2.0	1.7
Total.....	40.0	49.4	63.3	50.2	66.1	74.0	72.3	77.0	50.3	68.3
Not finer than 46's: ⁴										
Argentina.....	1.5	2.0	1.8	1.3	1.7	1.5	1.2	1.1	.8	0.7
Australia.....	.3	.6	.7	.7	.7	.5	.4	.3	.3	0.4
Canada.....	.2	.3	.5	.6	.8	.3	.2	.1	.1	0.2
New Zealand.....	15.1	21.7	23.8	21.5	23.4	23.8	19.0	25.0	16.7	14.2
Uruguay.....	.1	.1	.1	.1	.1	.1			.1	0.1
South Africa.....	.2	.4	.5	.2	.1					
United Kingdom.....	3.2	3.4	3.5	4.6	3.8	4.5	3.2	3.2	3.1	2.4
Other.....	.8	.2		.3	.3	.4	.4	.2	.3	0.2
Total.....	21.4	28.7	30.9	29.3	30.9	31.1	24.4	29.9	21.4	18.2
Grand total.....	61.4	78.1	94.2	79.5	97.0	105.1	96.7	106.9	71.7	86.5

¹ Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition. ² Preliminary. ³ Formerly "Dutiable". ⁴ Formerly "Duty-free".

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 437.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, Texas, 1977-91 ¹

Year	Goats clipped ¹	Average clip per goat	Mohair production	Price per pound	Value of production ²
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	1,215	6.5	8,000	2.87	22,960
1978.....	1,188	6.8	8,100	4.59	37,179
1979.....	1,275	7.3	9,300	5.10	47,430
1980.....	1,240	7.1	8,800	3.50	30,800
1981.....	1,300	7.8	10,100	3.50	35,350
1982.....	1,330	7.5	10,000	2.55	25,500
1983.....	1,360	7.8	10,600	4.05	42,930
1984.....	1,450	7.7	11,200	4.30	48,160
1985.....	1,730	7.7	13,300	3.45	45,885
1986.....	2,000	8.0	16,000	2.51	40,160
1987.....	2,000	8.1	16,200	2.63	42,606
1988 ³	2,321	7.5	17,323	1.89	32,769
1989 ³	2,467	7.0	17,255	1.58	27,198
1988 ⁴	2,000	7.7	15,400	1.94	29,876
1989 ⁴	2,140	7.2	17,255	1.58	24,794
1990 ⁴	1,860	7.8	14,500	.95	13,775
1991 ⁴	1,970	7.5	14,800	1.31	19,388

¹ The number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

² Production multiplied by price per pound. ³ Includes Texas plus New Mexico, Oklahoma, Arizona, and Michigan. ⁴ Texas only.

National Agricultural Statistics Service.

Table 438.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1989–91

State	Sheep and lambs shorn ¹			Weight per fleece ²			Shorn wool production			Price per pound			Value of production ³		
	1989	1990	1991 ⁴	1989	1990	1991 ⁴	1989	1990	1991 ⁴	1989	1990	1991 ⁴	1989	1990	1991 ⁴
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>1,000 dol-lars</i>	<i>1,000 dol-lars</i>	<i>1,000 dol-lars</i>
AL.....		7.0	6.0		6.1	6.7		43	40		0.37	0.36		16	14
AK.....	1.9	1.7	1.8	8.4	8.8	8.9	16	15	16	1.17	1.25	1.00	19	19	16
AZ ⁵	240	228	207	6.8	6.8	7.2	1,630	1,550	1,490	1.10	.63	.42	1,793	977	626
CA ⁵	990	1,015	930	7.7	7.5	7.7	7,624	7,646	7,160	1.37	.82	.56	10,445	6,270	4,010
CO ⁵	824	770	769	7.7	7.4	7.4	6,344	5,698	5,724	1.34	.71	.52	8,501	4,046	2,976
CT.....	7.5	7.0	6.5	7.5	7.3	7.5	56	51	49	.77	.59	.60	43	30	29
ID ⁵	283	271	263	10.0	10.2	10.1	2,835	2,775	2,666	1.16	.65	.47	3,289	1,804	1,253
IL ⁵	155	134	114	6.9	6.9	7.0	1,070	925	800	.67	.35	.17	717	324	136
IN ⁵	82	86	97	6.8	6.8	7.0	554	582	681	.63	.28	.18	349	163	123
IA ⁵	496	500	480	6.9	6.6	6.6	3,422	3,323	3,150	.73	.35	.21	2,498	1,163	662
KS ⁵	238	216	197	6.7	7.1	7.6	1,604	1,544	1,496	1.06	.65	.38	1,700	1,004	568
KY.....	36	33	32	6.6	6.5	6.7	238	215	214	.73	.38	.26	174	82	56
LA.....	16	14	13	6.7	6.3	6.7	107	88	87	.72	.31	.29	77	27	25
ME.....	16	15	12	7.2	7.6	7.2	115	114	86	.86	.76	.66	99	87	57
MD.....	29	25	28	7.6	6.3	6.8	220	157	190	.75	.40	.34	165	63	65
MA.....	14	13	12	7.2	7.3	7.3	101	95	88	.85	.60	.53	86	57	47
MI ⁵	108	105	95	7.4	7.2	8.1	796	756	770	.75	.40	.26	597	302	200
MN ⁵	280	245	260	7.0	7.0	7.0	1,950	1,707	1,816	.78	.40	.25	1,521	683	454
MO ⁵	126	120	122	7.1	6.5	6.8	889	778	832	.75	.42	.25	667	327	208
MT ⁵	577	627	641	10.0	9.9	10.2	5,762	6,204	6,542	1.36	.91	.57	7,836	5,646	3,729
NE ⁵	170	180	154	7.4	7.2	7.3	1,260	1,293	1,130	.86	.47	.29	1,084	608	328
NV ⁵	82	86	90	9.5	9.7	9.5	779	831	854	1.42	.84	.52	1,106	698	444
NH.....	9.2	9.2	9.2	7.4	7.3	7.6	68	67	70	.89	.59	.56	61	40	39
NJ.....	11	11	9.5	6.6	6.4	7.1	73	70	67	.76	.40	.45	55	28	30
NM ⁵	459	453	427	9.8	9.8	9.7	4,480	4,422	4,130	1.48	1.07	.65	6,630	4,732	2,685

See footnotes at end of table.

Table 438.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1989-91

State	Sheep and lambs shorn ¹			Weight per fleece ²			Shorn wool production			Price per pound			Value of production ³		
	1989	1990	1991 ⁴	1989	1990	1991 ⁴	1989	1990	1991 ⁴	1989	1990	1991 ⁴	1989	1990	1991 ⁴
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>1,000 dol-lars</i>	<i>1,000 dol-lars</i>	<i>1,000 dol-lars</i>
NY.....	68	73	70	7.0	7.2	7.1	476	525	498	0.79	0.47	0.39	376	247	194
NC.....	12	13	14.5	7.1	6.8	6.6	85	88	96	.70	.36	.25	59	32	24
ND ⁵	185	185	191	9.1	8.9	9.3	1,690	1,650	1,780	1.08	.59	.37	1,825	974	659
OH ⁵	268	282	285	6.8	6.4	6.6	1,822	1,816	1,871	.74	.39	.25	1,348	708	468
OK.....	112	108	118	6.7	6.7	6.6	752	725	780	1.00	.67	.39	752	486	304
OR ⁵	475	465	446	6.2	6.3	6.4	2,930	2,919	2,854	.95	.57	.34	2,784	1,664	970
PA.....	105	107	101	7.1	6.9	7.0	750	739	707	.75	.39	.29	563	288	205
SD ⁵	565	590	630	9.0	9.0	9.0	5,082	5,317	5,684	1.31	.80	.54	6,657	4,254	3,069
TN.....	11	11	8.5	6.5	6.6	7.1	72	73	60	.80	.37	.39	58	27	23
TX ⁵	2,550	2,470	2,330	7.1	7.0	7.2	18,000	17,400	16,700	1.51	1.13	.83	27,180	19,662	13,861
UT ⁵	452	464	442	10.2	10.2	10.4	4,598	4,723	4,595	1.30	.72	.51	5,977	3,401	2,343
VT.....	26	25	20	7.4	7.4	7.2	192	185	144	.80	.71	.65	154	131	94
VA.....	135	125	112	6.0	6.1	6.1	809	767	679	.81	.40	.25	655	307	170
WA.....	74	70	70	8.7	8.6	8.6	642	600	600	1.04	.58	.41	668	348	246
WV.....	70	71	62.6	6.2	6.3	6.0	434	447	375	.81	.36	.25	352	161	94
WI.....	94	84	91	7.3	7.4	7.2	687	618	654	.77	.36	.21	529	222	137
WY ⁵	815	850	860	9.7	9.6	9.6	7,930	8,135	8,259	1.37	.89	.61	10,864	7,240	5,038
8 States ⁶	46	57	74.7	6.0	6.3	6.5	276	357	486	.81	.52	.28	224	186	136
US.....	11,313.6	11,221.9	10,902.3	7.89	7.84	7.98	89,220	88,033	86,970	1.24	.80	.55	110,537	69,534	46,815

WOOL

¹ Includes shearing at commercial feeding yards. ² For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.
³ Production multiplied by annual average price. ⁴ Preliminary. ⁵ Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages. ⁶ Includes AR, DE, FL, GA, HI, MS, RI, and SC.
National Agricultural Statistics Service.

Table 439.—Mohair: Price-support operations, United States, 1977-91

Marketing year	Price per pound		Average payment rate per pound ¹	Marketings covered by payments	Amount of payments ²
	Support	Season average received by producers			
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million dollars</i>
1977.....	149.8	287.0			
1978.....	164.7	459.0			
1979.....	194.3	510.0			
1980.....	290.3	350.0			
1981.....	371.3	350.0	21.8	8.3	1.9
1982.....	397.7	255.0	142.7	11.4	16.8
1983.....	462.7	405.0	57.7	11.5	6.3
1984.....	516.9	430.0	86.9	12.0	10.3
1985.....	443.0	345.0	98.0	13.0	12.6
1986.....	493.0	251.0	242.0	17.9	42.7
1987.....	495.0	263.0	232.0	16.3	36.4
1988.....	469.0	189.0	280.0	17.2	48.3
1989.....	458.8	158.0	300.8	17.0	49.6
1990.....	453.2	90.0	387.3	16.7	58.6
1991.....					

¹ Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketing of mohair. ² Payments for mohair marketed during the year shown are made after Mar. 31 of the following year. This includes deductions for Mohair Council of America.

Agricultural Stabilization and Conservation Service.

Table 440.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1990 and 1991

Month	Frozen beef		Frozen pork		Frozen lamb and mutton	
	1990	1991	1990	1991	1990	1991
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January.....	259,844	298,890	272,491	247,006	7,844	9,438
February.....	267,649	271,334	303,918	281,228	8,468	9,829
March.....	304,294	276,941	294,560	288,980	7,905	8,070
April.....	293,317	265,583	320,287	340,043	8,390	7,277
May.....	270,377	234,723	320,252	333,333	8,052	8,436
June.....	266,513	247,130	292,603	312,254	9,585	8,002
July.....	256,360	273,217	256,435	277,331	10,107	6,917
August.....	240,491	259,420	224,746	282,352	9,144	6,130
September.....	243,029	276,708	225,803	280,546	8,929	5,287
October.....	267,416	298,152	231,877	299,662	8,458	5,739
November.....	277,174	306,329	221,471	306,005	8,099	6,659
December.....	300,376	315,886	233,565	311,144	8,414	6,296

National Agricultural Statistics Service.

Table 441.—Red meat and lard: Production, by class of slaughter, United States, 1977-91

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federal-ly inspected	Other	Total ¹			Federal-ly inspected	Other	Total ¹		
	Beef					Pork, excluding lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1977.....	23,364	1,622	24,986	293	25,279	12,518	533	13,051	196	13,247
1978.....	22,623	1,387	24,010	232	24,242	12,689	520	13,209	184	13,393
1979.....	20,059	1,202	21,261	185	21,446	14,668	602	15,270	180	15,450
1980.....	20,273	1,197	21,470	174	21,644	15,742	689	16,431	184	16,615
1981.....	21,043	1,171	22,214	175	22,389	15,114	605	15,719	156	15,875
1982.....	21,334	1,032	22,366	170	22,536	13,657	464	14,121	108	14,229
1983.....	22,057	1,001	23,058	183	23,241	14,659	461	15,120	82	15,202
1984.....	22,509	907	23,416	180	23,596	14,282	438	14,720	92	14,812
1985.....	22,709	848	23,557	171	23,728	14,312	414	14,726	79	14,805
1986.....	23,456	757	24,213	158	24,371	13,618	380	13,998	65	14,063
1987.....	22,746	659	23,405	161	23,566	13,954	358	14,312	62	14,374
1988.....	22,837	588	23,425	165	23,590	15,250	373	15,623	61	15,684
1989.....	22,456	519	22,975	113	23,088	15,375	382	15,757	54	15,811
1990.....	21,152	482	22,634	109	22,743	14,933	366	15,299	54	15,353
1991.....	22,340	460	22,800	117	22,917	15,588	361	15,949	51	16,000
	Veal					Lamb and Mutton				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1977.....	569	225	794	40	834	330	11	341	10	351
1978.....	447	153	600	32	632	290	10	300	9	309
1979.....	315	95	410	24	434	275	9	284	8	293
1980.....	296	83	379	21	400	299	11	310	8	318
1981.....	324	91	415	21	436	317	11	328	10	338
1982.....	341	82	423	25	448	347	9	356	9	365
1983.....	356	73	429	25	454	358	10	368	8	376
1984.....	408	71	479	16	495	362	10	372	8	380
1985.....	441	57	498	16	514	341	9	350	7	357
1986.....	455	54	509	15	524	322	8	330	7	337
1987.....	382	34	416	13	429	302	8	310	6	316
1988.....	362	24	386	9	395	320	9	329	6	335
1989.....	326	18	344	11	355	334	8	342	6	348
1990.....	303	13	316	11	327	348	9	357	5	362
1991.....	287	9	296	10	306	346	11	357	5	362
	All meat, excluding lard					Lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1977.....	36,781	2,391	39,172	539	39,711	994	27	1,021	16	1,037
1978.....	36,049	2,070	38,119	457	38,576	968	23	991	15	1,006
1979.....	35,317	1,908	37,225	398	37,623	1,112	29	1,141	14	1,155
1980.....	36,611	1,979	38,590	387	38,977	1,173	30	1,203	14	1,217
1981.....	36,798	1,877	38,675	362	39,037	1,131	24	1,155	12	1,167
1982.....	35,680	1,586	37,266	312	37,578	892	18	910	9	919
1983.....	37,431	1,543	38,974	298	39,272	952	20	972	6	978
1984.....	37,561	1,426	38,987	296	39,283	911	18	929	7	936
1985.....	37,803	1,323	39,131	273	39,404	906	17	923	6	929
1986.....	37,851	1,199	39,050	245	39,296	855	14	869	5	874
1987.....	37,384	1,058	38,442	240	38,682	844	13	857	5	862
1988.....	38,770	993	39,763	241	40,004	919	14	933	5	938
1989.....	38,491	927	39,418	184	39,602	464	(*)	464	(*)	466
1990.....	36,786	870	37,656	179	37,835	(*)	(*)	(*)	(*)	(*)
1991.....	38,561	840	39,401	183	39,584	(*)	(*)	(*)	(*)	(*)

¹ Totals are based on unrounded data. estimates were discontinued in July 1989.

² 1989 estimates includes January through June only. Lard production National Agricultural Statistics Service.

Table 442.—Meat: Production by types in specified countries, 1990 and 1991 ¹

Country	Beef and veal		Pork ³		Mutton, lamb, and goat meat		Total production	
	1990	1991 ²	1990	1991 ²	1990	1991 ²	1990	1991 ²
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Argentina.....	\$2,650	\$2,640	0	0	88	85	2,738	2,725
Australia.....	1,718	1,675	319	325	646	625	2,683	2,625
Austria.....	223	230	406	405	0	0	629	635
Belgium-Luxembourg.....	323	379	770	901	7	6	1,100	1,286
Brazil.....	3,600	3,700	1,050	1,100	0	0	4,650	4,800
Bulgaria.....	137	126	422	400	77	70	636	596
Canada.....	924	879	1,133	1,110	0	0	2,057	1,989
China.....	1,256	1,530	22,811	24,520	1,068	1,134	25,135	27,184
Colombia.....	795	823	141	137	0	0	936	960
Costa Rica.....	85	91	0	0	0	0	85	91
Czechoslovakia.....	454	391	942	894	10	10	1,406	1,295
Denmark.....	202	212	1,207	1,255	2	2	1,411	1,469
Dominican Republic.....	51	52	13	14	0	0	64	66
Egypt.....	408	420	0	0	81	82	489	502
El Salvador.....	27	28	0	0	0	0	27	28
Finland.....	117	118	186	184	0	0	303	302
France.....	1,753	1,800	1,870	1,890	193	190	3,816	3,880
Germany.....	2,112	2,183	3,949	3,320	50	49	0	5,552
Greece.....	82	80	147	151	130	126	359	357
Guatemala.....	59	53	14	14	0	0	73	67
Honduras.....	23	22	0	0	0	0	23	22
Hong Kong.....	0	0	20	18	0	0	20	18
Hungary.....	110	111	970	893	4	4	1,084	1,008
India.....	1,868	1,901	0	0	570	579	2,438	2,480
Ireland.....	514	557	159	180	82	92	755	829
Israel.....	40	38	0	0	0	0	40	38
Italy.....	1,165	1,200	1,333	1,320	85	84	2,583	2,604
Japan.....	549	573	1,555	1,490	0	0	2,104	2,063
Korea, Rep.....	131	130	634	624	0	0	765	754
Mexico.....	1,790	1,580	792	820	76	78	2,658	2,478
Netherlands.....	521	595	1,661	1,610	16	18	2,198	2,223
New Zealand.....	471	532	43	42	500	529	1,014	1,103
Panama.....	62	57	10	0	0	0	72	57
Philippines.....	132	129	665	690	0	0	797	819
Poland.....	838	726	1,870	2,085	28	33	2,736	2,844
Portugal.....	114	108	243	244	28	28	385	380
Romania.....	370	280	620	600	90	78	1,080	958
Saudi Arabia.....	28	30	0	0	96	97	124	127
Singapore.....	0	0	76	77	0	0	76	77
South Africa, Rep.....	661	678	0	0	238	236	899	914
Spain.....	513	490	1,788	1,850	236	240	2,537	2,580
Sweden.....	145	149	293	275	0	0	438	424
Switzerland.....	164	165	270	265	0	0	434	430
Taiwan.....	5	5	1,009	1,115	0	0	1,014	1,120
Turkey.....	285	300	0	0	370	365	655	665
Former Soviet Union ⁴	8,814	8,160	6,646	6,150	1,008	965	16,468	15,275
United Kingdom.....	1,003	1,013	957	987	371	390	2,331	2,390
United States.....	10,464	10,534	6,965	7,257	165	165	17,594	17,956
Uruguay.....	349	280	0	0	0	0	349	280
Venezuela.....	382	370	99	101	0	0	481	471
Yugoslavia.....	352	320	799	720	67	65	1,218	1,105
Total Meat.....	48,839	48,443	64,857	66,033	6,382	6,425	120,078	120,901

¹ Carcass weight basis: excludes offals, rabbit, and poultry meat. ² Preliminary. ³ Includes edible pork fat, but excludes lard and inedible greases (except United States). ⁴ Slaughter weight basis (includes fats and offals) used in official Soviet Union statistics.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 443.—Meat: United States exports by type of product, 1977-91

Year	Beef and Veal		Lamb and mut- ton, fresh or frozen	Pork					Saus- age, bolog- na, and frank- furters	Variety meats, fresh, chilled, or frozen	Other meats	Total 1
	Fresh, chilled, and frozen	Pre- pared and pre- served		Fresh, chilled, and frozen	Hams and shoul- ders, cured	Bacon	Other pork, prepared or preserved					
							Not canned	Canned				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1977.....	n.a.	n.a.	1,755	116,282	2,941	1,216	2,919	1,810	3,426	n.a.	57,754	n.a.
1978.....	40,390	14,878	1,375	84,120	3,934	1,655	7,524	2,932	3,653	181,164	68,229	409,854
1979.....	45,908	11,495	562	83,058	3,380	912	8,912	1,123	3,003	164,125	65,451	387,929
1980.....	48,255	11,248	595	69,966	3,327	820	8,438	1,667	3,296	195,182	70,660	413,454
1981.....	62,371	12,297	972	86,652	2,363	1,079	9,130	1,662	3,819	206,891	57,134	444,370
1982.....	71,621	14,046	676	58,541	1,358	774	7,514	1,289	3,404	222,688	49,830	531,741
1983.....	80,976	12,070	632	62,141	1,794	601	5,581	695	3,139	213,155	36,176	416,960
1984.....	99,208	12,322	878	46,098	1,474	621	3,837	513	2,603	213,180	35,457	416,191
1985.....	99,923	9,605	460	34,394	1,175	450	4,066	638	2,908	239,451	38,395	431,465
1986.....	173,884	10,519	558	20,969	650	474	4,096	349	3,214	241,051	46,760	503,224
1987.....	200,180	10,789	668	29,145	1,227	617	3,597	376	4,582	222,342	61,812	535,335
1988.....	214,530	14,083	619	54,598	2,138	1,045	4,924	268	8,439	302,087	75,084	677,815
1989.....	373,110	8,810	2,076	79,318	6,101	3,788	2,204	1,395	11,968	245,235	78,550	812,555
1990.....	339,925	7,783	2,490	66,756	5,567	4,518	4,310	1,036	14,208	226,623	70,558	731,566
1991.....	395,697	10,248	3,790	76,193	4,702	5,443	6,133	1,278	24,025	280,721	61,440	869,670

¹ May not add due to rounding. ² Preliminary. n.a. not available, earlier data series doesn't correspond directly to later series.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 444.—Meat: United States imports of meat subject to Public Law 96-177 (Meat Import Act), by country of origin, 1986-91 ¹

Country of origin	1986	1987	1988	1989	1990	1991
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada	169,947	152,634	131,119	(³)	(³)	(³)
Mexico			0	126	2,564	1,260
Belize	189	81	0	0	0	0
Guatemala	7,731	19,404	19,997	28,242	39,673	29,109
El Salvador	649	1,950	1,914	1,649	1,035	0
Honduras	20,824	18,901	19,232	17,860	22,095	25,692
Nicaragua			0	0	0	0
Costa Rica	68,965	57,933	49,142	37,002	41,901	46,100
Panama	90		0	0	0	0
Haiti			0	0	0	0
Dominican Republic	25,106	20,474	31,164	20,225	25,628	35,347
Guam	343	568	0	0	0	0
Sweden	7,008	3,320	1,385	1,466	2,520	5,941
Australia	668,294	739,206	810,094	577,487	812,870	743,291
New Zealand	364,016	438,726	451,344	456,574	406,510	443,340
European Community	6,172	6,528	5,879	539	0	245
Total ²	1,339,334	1,459,674	1,521,270	1,141,171	1,352,796	1,330,325

¹ Fresh, chilled, and frozen beef, veal, mutton and goatmeat and certain prepared items from these. Excluding canned meat and certain items prepared from these meats. ² May not add due to rounding. ³ Due to the signing of the U.S.-Canada Free Trade Implementation Act of 1988, as of Jan. 1, 1989, Canada's meat exports are no longer subject to the U.S. Meat Import Act.

Foreign Agricultural Service.

Table 445.—Meat: United States imports, products weight basis, by country of origin, 1991

Country of origin	Beef and Veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Variety meats, fresh, chilled and frozen	Other livestock meats n.s.e.	Total
	Fresh, chilled and frozen	Canned, including sausage	Other prepared or preserved		Fresh, chilled and frozen	Canned	Other prepared or preserved	Sausage, all types				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Argentina.....	0	63,448	313	0	0	0	0	0	0	0	0	63,761
Australia.....	349,831	18	0	14,016	692	0	0	0	0	6,245	48	370,850
Brazil.....	0	2,038	81	0	0	0	0	0	0	0	18	2,137
Canada.....	80,660	306	476	64	156,587	6,357	11,453	1,069	442	9,990	1,670	269,074
Costa Rica.....	21,434	0	0	0	0	0	0	0	0	117	0	21,551
Denmark.....	441	0	0	60	53,995	34,402	146	447	1,072	489	0	91,052
Domin. Repub.....	16,216	0	0	0	0	0	0	0	0	0	0	16,216
El Salvador.....	0	0	0	0	0	0	0	0	0	0	0	0
Germany, W.....	0	0	0	0	0	189	0	43	13	0	0	245
Guatemala.....	13,000	0	0	0	0	0	0	0	0	0	0	13,000
Haiti.....	0	0	0	0	0	0	0	0	0	0	0	0
Honduras.....	11,797	0	0	0	0	0	0	0	0	0	0	11,801
Hungary.....	0	49	0	0	58	9,808	86	405	3	0	0	10,409
Ireland.....	0	0	0	0	99	47	27	127	0	3	0	303
Mexico.....	558	1	3	0	0	0	5	0	0	0	6	573
Netherlands.....	0	0	0	0	0	5,493	0	22	0	0	16	5,531
New Zealand.....	211,871	266	0	4,961	30	0	0	0	0	1,346	560	219,034
Nicaragua.....	0	0	0	0	0	0	0	0	0	0	0	0
Panama.....	0	0	0	0	0	0	0	0	0	0	0	0
Poland.....	0	0	0	0	0	6,627	0	0	0	0	0	6,627
Romania.....	0	0	0	0	0	62	0	0	0	0	0	62
Sweden.....	3,029	29	54	0	2,929	0	43	0	0	0	19	6,103
United Kingdom.....	33	0	1	0	1	0	0	0	0	0	15	50
Uruguay.....	0	5,116	889	0	0	0	0	0	0	0	8	6,013
Yugoslavia.....	0	286	0	0	0	6,197	0	1	0	0	0	6,484
Other.....	1,127	13	53	0	1,542	3,484	0	30	4	72	1,544	7,869
Total ¹	709,997	71,570	1,870	19,100	215,933	72,666	11,760	2,144	1,534	18,266	3,904	1,128,744

¹ May not add due to rounding. n.s.e. not specified elsewhere.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 446.—Meat: United States imports by type of product, 1977-91

Year	Beef and Veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Variety meats, fresh or frozen	Other live-stock meats n.s.e.	Total ¹
	Fresh, chilled, and frozen	Canned, including sausage	Other prepared or preserved		Fresh and frozen	Canned	Other prepared or preserved	Sausage, all types				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1977	564,894	43,124	25,618	9,885	12,215	120,388	534	2,209	1,387	2,591	n.a.	n.a.
1978	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	2,454	n.a.	n.a.
1979	713,354	45,890	28,721	19,714	46,268	113,518	1,575	2,434	1,849	4,695	n.a.	n.a.
1980	642,268	42,729	17,799	15,482	93,143	98,529	1,990	2,929	2,230	4,562	3,116	924,777
1981	544,610	34,932	23,303	14,384	98,226	94,102	1,496	1,935	2,103	3,560	4,291	822,942
1982	607,184	37,747	17,402	8,649	125,282	96,831	1,547	2,372	2,242	2,823	4,408	906,487
1983	565,997	59,073	16,766	8,752	121,707	125,593	2,300	2,176	1,911	3,935	3,606	911,814
1984	516,960	57,863	19,864	8,693	207,703	142,423	3,372	2,243	2,121	5,707	5,088	972,037
1985	594,476	64,277	18,314	15,565	254,538	160,802	6,312	2,192	2,672	5,622	5,305	1,130,075
1986	637,718	45,779	20,778	16,596	263,488	151,730	8,221	2,640	2,849	6,475	4,621	1,160,895
1987	671,152	56,653	17,450	17,204	302,392	145,464	9,387	2,688	4,222	9,590	4,126	1,240,328
1988	703,415	66,919	10,367	19,239	282,728	139,847	10,214	2,906	2,732	8,905	3,977	1,251,249
1989	638,999	68,710	1,434	20,917	225,804	107,267	8,651	2,656	2,620	11,102	3,509	1,091,169
1990	694,163	67,054	1,520	19,056	232,253	98,479	10,055	3,421	1,874	11,423	1,239	1,140,537
1991 ²	709,997	71,570	1,870	19,100	215,933	72,666	11,760	2,144	1,533	18,266	3,904	1,128,744

¹ May not add due to rounding. ² Preliminary. n.s.e. not specified elsewhere. n.a. not available.
Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 447.—Meat: International trade, selected countries, 1989-91 ¹

Continent and country	1989		1990		1991 ²	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada	407	175	424	198	381	223
Costa Rica	21	0	19	0	23	0
Dominican Republic	13	0	13	0	14	0
El Salvador	1	0	1	0	0	0
Guatemala	16	0	18	0	13	0
Honduras	9	0	11	0	13	0
Mexico	4	108	5	100	9	152
United States	606	1,421	565	1,503	658	1,470
Total ³	1,077	1,704	1,056	1,801	1,111	1,845
South America:						
Argentina	369	0	461	2	384	5
Brazil	304	220	243	252	317	152
Colombia	10	0	11	0	6	0
Uruguay	177	0	192	0	110	0
Venezuela	1	3	2	2	2	10
Total ³	861	223	909	256	819	167

See footnotes at end of table.

Table 447.—Meat: International trade, selected countries, 1989-91 ¹—Continued

Continent and country	1989		1990		1991 ²	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:						
Belgium-Luxembourg.....	484	81	492	110	646	88
Denmark.....	990	46	995	57	1,051	65
France.....	586	908	644	967	772	1,016
Germany.....	748	952	1,275	1,033	1,236	1,150
Greece.....	1	239	0	209	0	215
Ireland.....	478	39	469	29	502	29
Italy.....	141	974	108	1,025	196	1,077
Netherlands.....	1,357	119	1,395	143	1,451	180
United Kingdom.....	301	1,033	188	76	296	875
Portugal.....	1	63	0	129	0	70
Spain.....	51	127	69	971	91	146
Total EC (includes intra-trade).....	5,138	4,581	5,635	4,749	6,241	4,911
Austria.....	53	7	59	3	65	3
Finland.....	20	3	24	1	30	1
Sweden.....	53	27	51	29	28	33
Switzerland.....	2	14	2	17	2	15
Total other Europe ³	128	51	136	50	125	52
Bulgaria.....	16	0	11	0	11	0
Czechoslovakia.....	93	25	93	15	93	4
German Dem. Rep.....	321	0	0	0	0	0
Hungary.....	184	15	247	4	241	5
Poland.....	140	121	107	39	40	90
Romania.....	320	0	25	250	31	20
Yugoslavia.....	85	97	50	157	36	40
Total Eastern Europe ³	1,159	258	533	465	452	159
Total Europe ³	6,425	4,890	6,304	5,264	6,818	5,122
Soviet Union ⁴	11	355	11	545	0	740
Africa:						
Egypt.....	0	145	0	124	0	115
South Africa.....	1	33	1	34	1	24
Total ³	1	178	1	158	1	139
Asia:						
China.....	261	0	395	0	503	0
Hong Kong.....	2	292	1	311	4	286
India.....	70	0	133	0	146	0
Israel.....	8	38	1	31	0	42
Japan.....	0	1,150	0	1,153	0	1,210
Korea, Rep. of.....	38	111	29	145	18	211
Philippines.....	0	10	0	0	1	14
Saudi Arabia.....	6	48	0	18	0	20
Singapore.....	8	47	8	43	7	43
Taiwan.....	150	44	225	46	300	53
Turkey.....	16	20	8	10	15	15
Total ³	559	1,760	943	1,757	994	1,894
Oceania:						
Australia.....	1,069	0	1,312	0	1,302	0
New Zealand.....	908	2	794	2	880	2
Total ³	1,977	2	2,106	2	2,182	2
Total selected countries ³	8,973	7,185	11,330	9,783	11,925	9,909

¹ Carcass weight equivalent of beef and veal, pork, and lamb, mutton and goat meat. Excludes fat, offals, and live animals. ² Preliminary. ³ Totals may not add due to rounding. ⁴ Estimate based on trading partner data. Reported on product weight bases.

Foreign Agricultural Service, Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 448.—Meats and lard: Production and consumption, United States, 1977-91 ¹

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1977	25,279	27,315	124.0	833	854	3.9	350	372	1.7
1978	24,241	26,261	118.0	631	655	2.9	310	344	1.6
1979	21,447	23,755	105.6	435	458	2.0	291	335	1.5
1980	21,643	23,560	103.5	400	420	1.8	318	351	1.5
1981	22,389	24,013	104.4	435	451	2.0	338	364	1.6
1982	22,536	24,173	104.1	448	467	2.0	365	387	1.7
1983	23,243	24,862	106.3	453	466	2.0	375	389	1.7
1984	23,598	25,047	106.0	495	509	2.2	379	401	1.7
1985	23,728	25,523	107.1	515	533	2.2	359	388	1.6
1986	24,371	25,987	108.0	524	550	2.3	338	377	1.6
1987	23,566	25,257	104.0	429	450	1.8	315	363	1.5
1988	23,589	25,252	103.0	396	411	1.7	335	387	1.6
1989	23,087	24,330	98.4	355	356	1.4	347	406	1.6
1990	22,743	24,030	96.1	327	325	1.3	363	418	1.7
1991									

Year	Pork			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1977	13,248	13,422	60.9	39,710	41,963	190.5	1,038	510	2.3
1978	13,393	13,536	60.8	38,575	40,796	183.3	1,006	486	2.2
1979	15,451	15,616	69.4	37,624	40,163	178.5	1,129	569	2.5
1980	16,617	16,838	73.9	38,978	41,170	180.8	1,207	588	2.6
1981	15,873	16,203	70.5	39,035	41,033	178.4	1,159	573	2.5
1982	14,229	14,679	63.2	37,578	39,705	171.0	1,011	586	2.5
1983	15,199	15,595	66.6	39,270	41,358	176.5	979	487	2.1
1984	14,812	15,630	66.1	39,284	41,593	176.0	939	491	2.1
1985	14,807	15,865	66.5	39,409	42,315	177.4	927	425	1.8
1986	14,063	15,135	62.9	39,296	42,055	174.8	876	417	1.7
1987	14,374	15,352	63.2	38,684	41,424	170.6	863	440	1.8
1988	15,684	16,549	67.5	40,004	42,599	173.8	932	429	1.7
1989	15,813	16,571	67.0	39,602	41,664	168.4	935	442	1.8
1990	15,354	16,030	64.1	38,787	40,804	163.2	(²)	(²)	(²)
1991									

¹ Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded. Shipments to the U.S. territories are included in domestic consumption.

² Lard series discontinued after 1989.

Economic Research Service.

Table 449.—Meat: United States exports and imports into the United States, carcass weight equivalent, 1977-91 ¹

Year	Exports				Imports				
	Beef and veal	Lamb and mutton	Pork ²	All meat	Beef	Veal	Lamb and mutton	Pork ²	All meat
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1977	103	5	294	401	1,939	24	22	440	2,425
1978	163	3	288	454	2,297	25	39	495	2,856
1979	170	2	291	462	2,405	26	44	499	2,975
1980	177	2	252	430	2,064	21	33	550	2,668
1981	221	2	307	531	1,743	18	31	541	2,333
1982	254	2	214	470	1,939	19	21	612	2,591
1983	276	2	220	497	1,931	19	18	699	2,666
1984	336	2	164	501	1,823	24	20	954	2,821
1985	332	1	128	461	2,071	20	36	1,128	3,255
1986	526	2	86	614	2,129	27	41	1,122	3,319
1987	604	1	109	721	2,269	24	44	1,195	3,532
1988	681	1	195	887	2,380	27	51	1,136	3,594
1989	1,023	2	262	1,287	³ 2,179	(³)	63	896	3,138
1990	1,006	3	239	1,248	2,356	(³)	59	898	3,313
1991									

¹ Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to U.S. Territories are included in domestic consumption. ² The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 452.) ³ Beginning in 1989 the Harmonic codes combines beef and veal.

Economic Research Service. Data on imports and commercial exports are computed from records of the U.S. Department of Commerce, those on exports by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

Table 450.—Hides, packer: Average price per hundred pounds, Central U.S., 1977-91

Year	Steers					Cows/heifers		
	Heavy native	Light native	Heavy Texas	Butt branded	Colorado branded	Heavy ¹ native	Light ¹ native	Branded ²
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1977	37.29			36.21	34.75	39.21	51.00	36.04
1978	46.54			41.83	42.64	45.55	51.42	45.24
1979	72.68	88.95		66.94	62.51	76.38	88.89	68.74
1980	45.70	50.85	44.18	42.33	38.95	47.07	54.02	43.44
1981	44.19	50.30	44.18	42.19	40.19	46.07	52.38	42.99
1982	42.31	49.82	41.33	39.82	37.17	45.10	49.41	41.78
1983	50.21	57.55	48.10	46.05	45.02	53.48	60.72	51.14
1984	61.02		57.90	58.46	54.02	67.02		64.98
1985	54.69		54.59	51.24	49.83	57.55	61.56	55.00
1986	64.09		63.60	61.32	59.40	68.06	68.78	60.64
1987	79.92		77.66	78.03	74.04	83.43	88.50	81.00
1988	87.99	89.56	85.66	81.88	79.20	86.50	96.89	85.60
1989	90.25		89.16	79.83	75.64	83.16	90.00	74.73
1990	87.99	89.56	85.66	81.88	79.20	92.58	96.89	86.50
1991	77.47		68.29	63.80	58.43	76.92		70.00

¹ Heifers. ² Cows.

Agricultural Marketing Service.

Table 451.—Hides and skins: United States imports and exports, 1977-91

Year	Imports				Exports			
	Calf and kip	Cattle ¹	Goat and kid	Sheep and lamb ²	Calf	Kip	Cattle ³	Sheep and lamb ²
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1977.....	91	932	1,137	15,468	2,052	447	24,484	836
1978.....	179	704	1,762	17,807	2,079	351	24,792	* 1,444
1979.....	126	673	2,444	15,529	1,970	352	23,731	2,279
1980.....	64	880	519	9,027	2,205	290	19,568	1,675
1981.....	99	1,028	821	14,237	2,542	485	19,703	1,232
1982.....	118	657	661	8,374	2,919	459	23,168	2,429
1983.....	138	664	222	7,935	2,204	442	21,861	2,003
1984.....	121	711	412	7,424	2,112	478	25,889	3,197
1985.....	173	1,044	388	6,259	2,234	486	25,428	2,538
1986.....	178	767	426	5,575	2,419	634	26,828	3,436
1987.....	256	488	467	4,649	2,200	874	24,255	5,588
1988.....	460	679	296	6,159	2,043	791	26,432	2,476
1989.....	167	1,636	293	6,570	6,854	⁵ n.a.	23,882	3,616
1990.....	106	1,595	419	5,628	7,007	⁵ n.a.	21,998	4,000
1991 ⁴	168	2,348	161	3,229	3,267	⁵ n.a.	20,494	4,503

¹ Excludes pieces of cattle hides reported in units of pounds. ² Includes cabretta and hair sheepskins.

³ Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978. ⁴ Final. ⁵ Under the new harmonized system kip skin exports are included with calf skin exports. n.a. not available.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 452.—Hides and skins: United States imports by country of origin, 1989-91

Country of origin	1989	1990	1991 ¹	Country of origin	1989	1990	1991 ¹
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: ²				Sheep and lambs: ³			
Canada.....	1,043	678	1,258	Afghanistan.....	0	0	0
Mexico.....	89	179	40	Ethiopia.....	630	1,070	492
Other countries.....	504	738	1,050	United Kingdom.....	573	127	273
Total.....	1,636	1,595	2,348	South Africa.....	0	0	20
				Iran.....	0	0	0
Calf and kip:				Australia.....	550	229	172
Canada.....	163	83	147	New Zealand.....	2,762	1,988	752
Other countries.....	4	23	21	Germany, Fed. Rep. of.....	13	0	0
Total.....	167	106	168	France.....	72	61	108
				Argentina.....	16	1	276
Goat and kid:				Canada.....	236	189	221
Botswana.....	18	0	0	Sudan.....	783	347	344
Haiti.....	4	0	0	Nigeria.....	177	560	49
Sudan.....	4	0	0	Other countries.....	758	1,056	522
Greece.....	87	0	36	Total.....	6,570	5,628	3,229
Portugal.....	54	96	84				
Australia.....	60	11	18				
Italy.....	12	51	0				
Venezuela.....	0	196	0				
China.....	0	0	0				
Other countries.....	54	65	22				
Total.....	293	419	160				

¹ Preliminary. ² Excludes pieces of cattle hides reported in units of pounds. ³ Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 453.—Hides and skins: United States exports by country of destination, 1989-91

Country of destination	1989	1990	1991 ¹	Country of destination	1989	1990	1991 ¹
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: ²				Sheep and lamb skins ³—			
Canada.....	648	684	579	Continued			
Mexico.....	1,301	1,439	2,735	Korea.....	1,015	954	962
France.....	18	28	4	France.....	455	333	436
Germany, Fed. Rep. of.....	69	53	51	Other countries.....	988	1,537	1,385
Italy.....	343	178	139	Total.....	3,616	4,000	4,503
Spain.....	84	209	61				
Romania.....	1,154	252	0	Calf and kip skins: ⁴			
Taiwan.....	1,892	1,477	2,087	Canada.....	314	162	54
Korea, Rep. of.....	10,357	9,883	9,338	Mexico.....	630	415	145
Japan.....	6,585	7,026	4,777	Italy.....	611	874	863
Czechoslovakia.....	1,431	743	0	Netherlands.....	178	238	316
Other countries.....			723	Yugoslavia.....	143	8	0
Total.....	23,882	21,972	20,494	Romania.....	16	6	0
				Korea.....	1,725	3,424	1,225
Sheep and lamb skins: ³				Taiwan.....	1,961	963	127
Canada.....	112	134	163	Japan.....	1,095	799	420
Japan.....	130	201	516	Israel.....	42	41	10
Brazil.....	18	0	44	Other countries.....	139	77	107
Germany, Fed. Rep. of.....	159	291	260	Total.....	6,854	7,007	3,267
Italy.....	476	497	595				
United Kingdom.....	111	21	89				
Poland.....	152	32	103				

¹ Final. ² Excludes pieces of cattle hides reported in units of pounds. ³ Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.

⁴ Under the new harmonized system kip skin exports are included with calf skin exports. n.a. not available.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 454.—Mink farms, pelts produced and value of mink pelts, United States, 1977-91

Year	Mink farms	Pelts produced	Average market- ing price	Value of mink pelts	Year	Mink farms	Pelts produced	Average market- ing price	Value of mink pelts
	Number	Thou- sand	Dollars	Million dollars		Number	Thou- sand	Dollars	Million dollars
1977.....	1,040	3,076	28.30	87.1	1985.....	1,042	4,171	28.00	116.8
1978.....	1,085	3,358	39.30	132.0	1986.....	989	4,096	41.30	170.0
1979.....	1,105	3,394	41.10	139.5	1987.....	1,027	4,122	43.00	177.2
1980.....	1,122	3,501	35.30	123.6	1988.....	1,027	4,453	32.30	143.8
1981.....	(¹)	(¹)	32.20	(¹)	1989 ²	940	4,604	20.40	93.9
1982.....	1,116	4,085	28.90	118.1	1990.....	771	3,366	25.50	85.8
1983.....	1,098	4,137	29.90	123.7	1991 ³	682	3,268	21.70	70.9
1984.....	1,084	4,220	30.80	130.0					

¹ Data not available for 1981. ² Revised, based on additional information. ³ Preliminary.

National Agricultural Statistics Service.

Table 455.—Mink pelts: Number produced by color class, major States, and United States, 1991 ¹

State	Stand- ard	Ranch wild	Demi- buff ¹	Pastel	Pale brown	Sap- phire	Gun- metal	Mahog- any	Pearl	Laven- der Hope	Pink	Violet type	White	Miscel- laneous and unclas- sified	Total pelts
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
ID.....	95,500	34,000	34,900	2,400	1,000	12,500	18,900	21,700	3,000	100					224,000
IL.....	71,200	(²)	(²)				(²)	(²)	(²)				(²)	(²)	80,900
IN.....															
IA.....	54,200	2,100	12,900	8,600		6,800	6,600	2,700	2,200			10,500	700	200	107,500
MA.....															
MI.....	51,600	200	3,900	1,100		(²)	1,300	1,600	3,400			3,800	1,900	(²)	69,300
MN.....	148,400	146,100	6,500	1,800		(²)	26,200	(²)	(²)			(²)	(²)	(²)	352,300
NY.....	22,900	(²)	1,000	900		700	3,500	11,400	300		(²)	500	3,700		45,100
OH.....	63,200	(²)	(²)	600	(²)	1,700		8,300				(²)			81,900
OR.....	85,000	(²)	(²)	2,000		18,000	88,000	10,000		(²)		3,500			214,000
PA.....	29,700		(²)	(²)		9,500	17,700	9,100		(²)		(²)	(²)		77,300
SD.....	8,500	48,200	(²)	(²)			(²)	(²)	(²)						74,000
UT.....	426,800	30,200	101,200	1,300	12,100	18,100	71,000	1,300				8,000			670,000
WA.....	90,300	5,800	(²)	(²)			45,000								167,500
WI.....	586,400	33,800	25,400	17,900	1,100	20,000	38,100	106,000	1,900	8,200	14,300	20,400	27,000		900,500
Other States.....	42,200	87,900	78,100	4,700	500	7,700	9,500	42,500	7,600		7,100	6,300	11,100	600	203,900
US.....	1,775,900	388,300	263,900	41,300	14,700	95,000	325,800	214,600	18,400	8,300	23,800	53,000	44,400	800	3,268,200

¹ Demi-buff includes crosses of Dark brown, Violet, Pastel, Standard, Pearl or others.
National Agricultural Statistics Service.

² Included in total to avoid disclosing individual operations.

Table 456.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1977-91

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total head	Con-demned ¹	Total head	Con-demned ¹	Total head	Con-demned ¹	Total head	Con-demned ¹	Total head	Con-demned ¹	Total head	Con-demned ¹
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
1977.....	38,717	121.9	4,696	63.3	6,133	31.5	45	0.3	74,019	198.9	317	3.0
1978.....	36,948	143.0	3,620	54.9	5,169	41.3	45	.6	74,139	257.8	323	2.1
1979.....	31,504	111.8	2,499	39.4	4,833	30.1	63	.7	85,425	291.1	304	1.9
1980.....	31,642	108.2	2,294	33.0	5,363	31.9	93	.9	91,882	318.7	274	1.7
1981.....	32,819	110.9	2,478	31.2	5,789	36.8	63	.5	87,851	279.2	219	1.3
1982.....	33,907	121.3	2,729	37.8	6,273	57.1	84	1.2	79,328	247.8	149	.9
1983.....	34,816	122.9	2,798	36.1	6,412	31.3	79	.5	84,762	189.1	99	.7
1984.....	35,880	139.5	3,030	41.3	6,549	36.0	119	1.1	82,478	202.9	105	.5
1985.....	34,765	122.6	3,168	44.1	5,976	29.8	124	.8	81,974	179.1	128	.7
1986.....	35,913	132.1	3,195	51.9	5,464	22.9	153	1.0	77,290	168.9	199	1.0
1987.....	34,468	125.5	2,680	44.2	5,042	21.3	187	1.5	78,913	144.9	276	1.3
1988.....	34,048	130.7	2,411	39.4	5,122	23.8	224	1.4	85,517	170.1	323	1.2
1989.....	33,010	139.8	2,100	38.2	5,295	25.2	226	1.5	86,328	181.3	348	1.3
1990.....	32,391	150.0	1,742	33.5	5,469	19.5	230	1.0	82,901	191.8	346	1.3
1991.....	31,911	144.6	1,461	28.0	5,486	15.6	213	1.0	84,227	196.4	294	.8

¹ Condemnations include ante-mortem and post-mortem inspection. Beginning with 1980, condemnations are for the fiscal year ending September 30. Data reported by Food Safety and Inspection Service, USDA.

National Agricultural Statistics Service.

Table 457.—Livestock: Number and value, United States, Jan. 1, 1990-92

Class of livestock and poultry	Number			Value					
	1990	1991	1992 ¹	Per head ²			Total		
				1990	1991	1992 ¹	1990	1991	1992 ¹
	Thou-sands	Thou-sands	Thou-sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Cattle.....	98,162	98,896	100,110	614.00	654.00	629.00	60,285,432	64,661,865	63,016,005
Hogs ³	53,852	54,477	56,974	79.10	85.40	69.10	4,258,285	4,654,641	3,935,099
Sheep and lambs.....	11,363	11,200	10,850	79.30	65.60	61.40	903,598	734,868	666,056
Goats ⁴	1,900	1,830	2,000	49.00	40.00	42.00	93,100	73,200	84,000
Total ⁵							65,540,415	70,124,574	67,701,160
Chickens ³	355,790	351,616	359,473	2.16	2.29	2.30	769,527	804,682	825,557
Total ⁶							66,309,942	70,929,256	68,526,717

¹ Preliminary. ² Based on reporters' estimates of average price per head in their localities. ³ Dec. 1 of preceding year. ⁴ Texas only. ⁵ Cattle, hogs, sheep, and goats. ⁶ Includes all cattle, hogs, sheep, goats, and chickens (excluding broilers and turkey breeder hens).

National Agricultural Statistics Service.

CHAPTER VIII

DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by class; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

Table 458.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1977–92

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1977.....	10,998	3,887	1985.....	10,777	4,770
1978.....	10,896	3,886	1986.....	11,116	4,709
1979.....	10,790	3,932	1987.....	10,466	4,305
1980.....	10,758	4,159	1988.....	10,311	4,122
1981.....	10,849	4,342	1989.....	10,212	4,161
1982.....	10,986	4,547	1990.....	10,153	4,227
1983.....	11,047	4,545	1991.....	10,156	4,220
1984.....	11,059	4,533	1992 ¹	9,904	4,200

¹ Preliminary.

National Agricultural Statistics Service.

Table 459.—Milk cow rations: Quantities and value of concentrates fed, by States, 1990 and 1991

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced		1990	1991
	1990	1991	1990	1991	1990	1991
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
AL.....	6,470	6,480	53	51	8.74	8.50
AK.....	6,300	6,250	45	47	13.45	13.10
AZ.....	8,370	8,290	48	46	7.36	7.19
AR.....	6,390	6,850	54	57	8.12	7.90
CA.....	7,380	7,260	40	39	7.82	7.66
CO.....	7,900	7,800	46	45	7.10	7.00
CT.....	6,240	5,880	40	37	9.23	8.80
DE.....	5,530	5,610	40	39	8.28	8.30
FL.....	10,950	9,470	78	68	7.58	7.29
GA.....	7,650	7,570	59	56	8.44	8.08
ID.....	6,430	6,230	39	38	6.80	6.58
IL.....	6,070	5,890	42	40	8.08	8.06
IN.....	6,270	6,330	45	41	7.56	7.61
IA.....	6,110	5,480	44	40	7.05	7.35
KS.....	6,790	6,470	54	51	7.04	7.41
KY.....	5,800	5,390	53	48	8.50	8.49
LA.....	6,610	6,300	57	54	8.35	8.16
ME.....	5,560	5,470	38	37	9.01	8.91
MD.....	5,870	5,150	44	38	8.96	8.62
MA.....	5,950	5,260	40	35	8.88	8.93
MI.....	6,240	6,170	41	40	6.80	6.80
MN.....	6,070	5,870	43	41	7.60	7.16
MS.....	6,160	5,810	51	48	8.50	8.20
MO.....	6,610	6,210	50	49	7.97	7.52
MT.....	5,280	5,830	39	41	7.14	6.99
NE.....	5,690	5,500	44	43	6.70	6.70
NV.....	6,400	10,480	39	60	8.24	7.88
NH.....	5,740	5,710	38	36	8.89	8.93
NJ.....	5,010	4,890	37	35	9.18	9.15
NM.....	8,650	9,790	46	48	6.38	6.52
NY.....	5,480	4,990	38	34	9.06	9.00
NC.....	6,540	6,320	43	41	9.10	8.84
ND.....	5,610	5,550	45	44	5.76	5.53
OH.....	6,140	6,130	45	44	8.30	8.14
OK.....	6,290	6,550	51	53	8.16	7.88
OR.....	6,020	5,810	37	35	8.82	8.92
PA.....	5,530	5,440	38	36	9.20	9.01
RI.....	6,030	5,620	39	38	9.28	8.91
SC.....	6,390	5,650	50	46	8.51	8.24
SD.....	5,520	5,540	45	45	6.30	6.24
TN.....	5,600	5,290	50	47	9.25	9.04
TX.....	8,180	7,840	57	55	7.74	7.56
UT.....	6,180	6,070	39	38	7.24	7.00
VT.....	5,380	5,150	37	35	8.98	8.97
VA.....	5,690	5,260	40	36	9.10	8.90
WA.....	7,040	7,150	38	38	8.15	8.00
WV.....	5,180	4,810	46	41	9.00	8.90
WI.....	6,120	5,900	44	42	7.88	7.20
WY.....	3,820	4,020	31	32	6.26	6.30
US.....	6,397	6,195	43.7	41.7	7.98	7.73

National Agricultural Statistics Service.

Table 460.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1991 and 1992

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1991	1992 ¹	1991	1992 ¹		1991	1992 ¹	1991	1992 ¹
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>		<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
AL.....	43	43	14	16	NE.....	103	100	35	35
AK.....	1.1	.8	.3	.3	NV.....	20	18	8	7
AZ.....	96	96	20	20	NH.....	20	21	8	8
AR.....	69	69	23	22	NJ.....	25	25	13	11
CA.....	1,150	1,160	535	540	NM.....	89	93	18	22
CO.....	77	77	30	35	NY.....	775	755	322	312
CT.....	33	33	14	13	NC.....	101	98	36	38
DE.....	9	9	3	4	ND.....	85	80	30	30
FL.....	185	179	30	30	OH.....	340	330	160	163
GA.....	113	105	44	44	OK.....	100	99	35	35
HI.....	11	10	9	5	OR.....	100	100	45	42
ID.....	185	178	90	85	PA.....	686	673	280	295
IL.....	195	189	70	78	RI.....	2.2	2.2	1.2	1.2
IN.....	155	145	65	71	SC.....	34	33	16	15
IA.....	302	303	135	135	SD.....	137	132	34	35
KS.....	98	95	38	40	TN.....	195	195	60	50
KY.....	200	190	80	70	TX.....	390	375	100	80
LA.....	80	79	21	22	UT.....	80	76	52	48
ME.....	41	41	18	18	VT.....	164	163	49	47
MD.....	106	102	41	41	VA.....	141	140	80	80
MA.....	30	30	8	9	WA.....	241	238	110	125
MI.....	343	338	158	159	WV.....	24	23	10	10
MN.....	690	675	325	315	WI.....	1,765	1,675	810	795
MS.....	63	60	21	23	WY.....	10	9	2	2
MO.....	230	220	105	110	US.....	10,156	9,904	4,220	4,200
MT.....	24	24	8	8					

¹ Preliminary.

National Agricultural Statistics Service.

Table 461.—Dairy product-feed price ratios: Milk-feed; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1977-90

Year	Milk price cwt.	16% dairy feed price cwt.	Milk-feed price ratio ^{1 2}	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk price cwt.	16% dairy feed price cwt.	Milk-feed price ratio ^{1 2}	Value per 100 pounds of grain and concentrates fed to milk cows
	<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>
1977.....	9.72	7.00	1.39	6.20	1985.....	12.76	8.40	1.52	7.35
1978.....	10.60	6.90	1.53	6.08	1986.....	12.51	8.00	1.57	7.00
1979.....	12.02	7.80	1.55	6.68	1987.....	12.49	7.69	1.63	6.80
1980.....	13.05	8.85	1.48	7.42	1988.....	12.22	9.10	1.35	7.74
1981.....	13.77	9.60	1.44	8.02	1989.....	13.56	9.43	1.44	8.20
1982.....	13.61	8.85	1.54	7.45	1990.....	13.68	9.11	1.50	7.98
1983.....	13.58	9.40	1.45	7.88	1991.....	12.24	8.81	1.39	7.71
1984.....	13.46	9.55	1.41	8.16					

¹ Annual ratios based on average of monthly ratios.² Pounds of 16% mixed dairy feed equal in value to one pound of whole milk.

National Agricultural Statistics Service.

Table 462.—Official National Cooperative Dairy Herd Improvement Program testing plans: Numbers of herds and cows and milk, fat, and protein production, United States, 1977-91

Year	Herds	Cows	Cows per herd	Average production			Cows with protein information	Average protein production	
				Milk	Fat				
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Percent</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>
1977.....	34,972	2,704,064	77.3	14,631	3.70	542			
1978.....	36,105	2,792,175	77.3	14,644	3.70	542			
1979.....	37,576	2,966,558	78.9	14,786	3.70	547			
1980.....	39,524	3,197,353	80.8	14,960	3.70	553			
1981.....	40,933	3,382,977	82.6	15,134	3.68	558	2	3.28	507
1982.....	41,029	3,431,507	83.6	15,274	3.69	564	24	3.27	506
1983.....	40,745	3,446,570	84.6	15,520	3.68	572	41	3.27	515
1984.....	39,100	3,262,174	83.4	15,587	3.70	577	60	3.25	502
1985.....	37,661	3,322,771	88.2	16,279	3.69	600	70	3.23	519
1986.....	34,779	3,102,698	89.2	16,654	3.67	612	79	3.23	532
1987.....	34,413	3,160,551	91.8	17,008	3.68	625	86	3.22	541
1988.....	34,020	3,168,186	93.1	17,379	3.68	640	88	3.22	555
1989.....	33,528	3,212,684	95.8	17,612	3.70	652	89	3.22	563
1990.....	33,263	3,252,990	97.8	18,031	3.67	662	90	3.23	578
1991.....	31,500	3,146,448	99.9	18,364	3.68	676	91	3.22	588

Agricultural Research Service.

Table 463.—Cattle: Tuberculin tests in cooperation with States, 1977-91

Year	Tuberculin Tests						Infected and exposed ¹ herds (fiscal year)
	Herds and lots	Cattle	Reactors reported				
			Herds and lots		Cattle		
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>
1977.....	98,483	2,322,110	175	.18	3,967	.17	29
1978.....	103,037	2,307,487	92	.09	490	.02	28
1979.....	108,813	2,422,334	54	.05	688	.03	17
1980.....	108,535	2,279,974	54	.05	1,668	.07	6
1981.....	106,715	2,221,228	57	.05	147	.01	13
1982.....	100,156	2,253,751	39	.04	187	.01	11
1983.....	92,333	2,172,572	46	.05	721	.03	14
1984.....	87,691	2,167,018	37	.04	244	.01	7
1985.....	38,961	2,413,451	58	.10	597	.02	30
1986.....	68,026	1,655,111	66	.10	308	.03	22
1987.....	52,659	1,361,793	29	.06	99	.01	17
1988.....	80,211	1,918,837	97	.12	457	.02	9
1989.....	72,091	1,580,438	28	.04	515	.04	13
1990.....	66,319	1,490,866	51	.08	221	.01	19
1991.....	56,846	1,309,026	30	.05	305	.02	16

¹ All methods of surveillance and detection.

Animal and Plant Health Inspection Service.

Table 464.—Cattle: Brucellosis work in cooperation with States, 1977-91

Year	Milk ring tests ¹			Market cattle blood tests		
	Herd tests	Suspicious herd tests		Cattle tested	Reactor cattle	
	Number	Number	Percent	Number	Number	Percent
1977.....	760,576	2,272	.3	13,608,558	71,994	.5
1978.....	849,527	2,285	.3	13,325,356	70,997	.5
1979.....	763,439	2,315	.3	10,462,153	52,236	.5
1980.....	805,507	3,357	.4	11,290,190	50,369	.4
1981.....	826,745	4,676	.6	11,589,338	50,010	.4
1982.....	938,779	3,295	.4	12,871,496	51,876	.4
1983.....	958,532	3,494	.4	13,571,664	45,752	.3
1984.....	853,123	2,450	.3	14,896,290	42,230	.3
1985.....	845,518	2,041	.2	13,475,371	37,293	.3
1986.....	820,301	2,975	.4	13,505,732	33,835	.3
1987.....	695,948	2,422	.3	13,051,618	36,145	.3
1988.....	588,959	1,955	.3	12,290,294	24,946	.2
1989.....	634,692	1,980	.3	11,411,391	17,625	.2
1990.....	470,630	1,089	.2	11,526,196	14,799	.1
1991.....	392,226	1,422	.4	11,239,835	9,748	.1

Year	Cattle blood tested on farm or ranch ²						Adjusted cattle infection rate ³	Calves vaccinated
	Herd or lot tests	Infected herds or lots		Cattle tested	Reactor cattle			
	Number	Number	Percent	Number	Number	Percent	Percent	Number
1977.....	268,750	32,904	12.2	7,247,352	168,607	2.3	.8	3,780,309
1978.....	271,335	28,846	10.6	6,895,966	154,877	2.2	.8	4,269,151
1979.....	266,991	27,567	10.3	6,713,199	141,665	2.1	.7	5,341,033
1980.....	279,053	28,692	10.3	7,249,853	148,019	2.0	.8	6,355,745
1981.....	292,495	26,488	9.1	7,509,101	136,148	1.8	.3	7,090,102
1982.....	264,508	23,767	9.0	6,632,461	121,635	1.8	.6	7,675,006
1983.....	243,395	19,962	8.2	6,163,513	102,180	1.7	.5	8,353,098
1984.....	206,997	15,511	7.5	5,339,039	75,864	1.4	.4	9,203,815
1985.....	186,491	12,141	6.5	5,003,729	61,466	1.2	.3	9,214,216
1986.....	167,871	9,343	5.6	4,628,755	46,558	1.0	.3	8,704,296
1987.....	145,058							9,479,496
1988.....	142,263							8,556,000
1989.....								4,666,162
1990.....		1,212		3,524,182	9,384	0.3		8,761,441
1991.....		1,106		3,409,972	7,898	0.2		9,044,724

¹ Represents multiple milk ring tests each year for the commercial dairy herd. ² Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results. ³ Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.

Animal and Plant Health Inspection Service.

Table 465.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1977-91

Year	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
1977	10,945	11,206	410	3.65	122,654	4,481
1978	10,803	11,243	412	3.67	121,461	4,455
1979	10,734	11,492	420	3.66	123,350	4,512
1980	10,799	11,891	435	3.65	128,406	4,692
1981	10,898	12,183	444	3.64	132,770	4,836
1982	11,011	12,306	450	3.65	135,505	4,950
1983	11,059	12,622	461	3.66	139,588	5,102
1984	10,793	12,541	460	3.66	135,351	4,960
1985	10,981	13,024	478	3.67	143,012	5,244
1986	10,773	13,285	487	3.67	143,124	5,249
1987	10,327	13,819	505	3.65	142,709	5,213
1988	10,262	14,145	520	3.67	145,152	5,333
1989	10,126	14,244	525	3.68	144,239	5,314
1990	10,127	14,645	534	3.65	148,313	5,411
1991 ³	9,990	14,867	544	3.66	148,526	5,436

¹ Average number during year, excluding heifers not yet fresh. ² Excludes milk sucked by calves. ³ Preliminary.

National Agricultural Statistics Service.

Table 466.—Milk: Quantities used and marketed by farmers, United States, 1977-91

Year	Milk used on farms where produced			Milk marketed by producers			
	Fed to calves ¹	Consumed as fluid milk or cream	Total	Sold to plants and dealers ²		Sold directly to consumers ³	Total
				As whole milk	As farm separated cream		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1977	1,541	1,283	2,824	118,154	182	1,495	119,831
1978	1,497	1,168	2,665	117,203	102	1,490	118,795
1979	1,442	1,040	2,483	119,379	(*)	1,489	120,869
1980	1,395	943	2,338	124,598	(*)	1,470	126,067
1981	1,418	886	2,304	128,994	(*)	1,472	130,467
1982	1,521	839	2,361	131,859	(*)	1,285	133,144
1983	1,520	839	2,359	136,014	(*)	1,214	137,228
1984	2,129	802	2,931	131,280	(*)	1,140	132,421
1985	1,745	709	2,454	139,307	(*)	1,251	140,558
1986	1,714	674	2,388	139,559	(*)	1,175	140,735
1987	1,599	659	2,258	139,253	(*)	1,197	140,450
1988	1,620	623	2,242	141,775	(*)	1,134	142,910
1989	1,503	579	2,082	141,124	(*)	1,038	142,163
1990	1,517	522	2,039	145,215	(*)	935	146,250
1991 ⁴	1,519	507	2,026	145,492	(*)	1,017	146,509

¹ Excludes milk sucked by calves. ² Includes milk produced by dealers' own herds. ³ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

⁴ Equivalent amount of milk included in whole milk to plants and dealers. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 467.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1990

State	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
AL.....	42	12,214	436	3.57	513	18.3
AK.....	1.2	14,000	480	3.43	16.8	0.6
AZ.....	94	17,500	630	3.60	1,645	59.2
AR.....	69	11,841	417	3.52	817	28.8
CA.....	1,135	18,456	668	3.62	20,947	758.3
CO.....	77	17,182	627	3.65	1,323	48.3
CT.....	33	15,606	565	3.62	515	18.6
DE.....	8.9	13,820	506	3.66	123.0	4.5
FL.....	180	14,033	488	3.48	2,526	87.9
GA.....	111	12,973	466	3.59	1,440	51.7
HI.....	11.1	13,972	464	3.32	150.9	5.0
ID.....	179	16,475	598	3.63	2,949	107.0
IL.....	195	14,462	528	3.65	2,820	102.9
IN.....	156	14,590	537	3.68	2,276	83.8
IA.....	305	13,879	502	3.62	4,233	153.2
KS.....	99	12,576	457	3.63	1,245	45.2
KY.....	206	10,947	395	3.61	2,255	81.4
LA.....	81	11,605	410	3.53	940	33.2
ME.....	42	14,619	541	3.70	614	22.7
MD.....	103	13,330	488	3.66	1,373	50.3
MA.....	31	14,871	544	3.66	461	16.9
MI.....	344	15,212	555	3.65	5,233	191.0
MN.....	710	14,127	516	3.65	10,030	366.1
MS.....	62	12,081	435	3.60	749	27.0
MO.....	230	13,217	480	3.63	3,040	110.4
MT.....	24	13,542	475	3.51	325	11.4
NE.....	104	12,933	475	3.67	1,345	49.4
NV.....	20.0	16,400	592	3.61	328.0	11.8
NH.....	20	15,100	563	3.73	302	11.3
NJ.....	26	13,538	491	3.63	352	12.8
NM.....	81	18,815	672	3.57	1,524	54.4
NY.....	768	14,410	526	3.65	11,067	403.9
NC.....	100	15,220	560	3.68	1,522	56.0
ND.....	88	12,477	454	3.64	1,098	40.0
OH.....	342	13,649	504	3.69	4,668	172.2
OK.....	101	12,327	445	3.61	1,245	44.9
OR.....	99	16,273	599	3.68	1,611	59.3
PA.....	683	14,543	531	3.65	9,933	362.6
RI.....	2.2	15,455	568	3.61	34.0	1.2
SC.....	35	12,771	487	3.81	447	17.0
SD.....	140	12,257	446	3.64	1,716	62.5
TN.....	196	11,209	404	3.60	2,197	79.1
TX.....	386	14,350	512	3.57	5,539	197.7
UT.....	80	15,838	569	3.59	1,267	45.5
VT.....	163	14,528	540	3.72	2,368	88.1
VA.....	141	14,213	512	3.60	2,004	72.1
WA.....	237	18,532	680	3.67	4,392	161.2
WV.....	24	11,250	410	3.64	270	9.8
WI.....	1,753	13,919	519	3.73	24,400	910.1
WY.....	10.1	12,337	453	3.67	124.6	4.6
US ³	10,127	14,645	534	3.65	148,313	5,411.2

¹ Average number during year, excluding heifers not yet fresh.
will not add due to rounding.

² Excludes milk sucked by calves.

³ U.S. total

National Agricultural Statistics Service.

Table 468.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1991 (preliminary)

State	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
AL.....	41	12,707	456	3.59	521	18.7
AK.....	1.0	13,300	448	3.37	13.3	0.4
AZ.....	95	18,032	649	3.60	1,713	61.7
AR.....	68	12,015	429	3.57	817	29.2
CA.....	1,155	18,623	682	3.66	21,509	787.2
CO.....	77	17,338	635	3.66	1,335	48.9
CT.....	33	15,879	578	3.64	524	19.1
DE.....	9.2	14,130	519	3.67	130.0	4.8
FL.....	180	13,933	486	3.49	2,508	87.5
GA.....	107	13,523	484	3.58	1,447	51.8
HI.....	10.8	13,056	435	3.33	141.0	4.7
ID.....	178	16,399	599	3.65	2,919	106.5
IL.....	191	14,717	540	3.67	2,811	103.2
IN.....	148	15,439	570	3.69	2,285	84.3
IA.....	303	13,700	497	3.63	4,151	150.7
KS.....	97	12,680	462	3.64	1,230	44.8
KY.....	195	11,231	409	3.64	2,190	79.7
LA.....	80	11,675	417	3.57	934	33.3
ME.....	42	14,786	538	3.64	621	22.6
MD.....	104	13,548	496	3.66	1,409	51.6
MA.....	31	15,032	562	3.74	466	17.4
MI.....	341	15,413	561	3.64	5,256	191.3
MN.....	683	14,307	525	3.67	9,772	358.6
MS.....	61	12,098	438	3.62	738	26.7
MO.....	226	12,677	463	3.65	2,865	104.6
MT.....	24	14,208	504	3.55	341	12.1
NE.....	100	12,800	471	3.68	1,280	47.1
NV.....	19.3	17,461	630	3.61	337.0	12.2
NH.....	20	15,850	594	3.75	317	11.9
NJ.....	25	13,960	511	3.66	349	12.8
NM.....	94	20,394	734	3.60	1,917	69.0
NY.....	756	14,675	537	3.66	11,094	406.0
NC.....	99	15,424	565	3.66	1,527	55.9
ND.....	82	12,622	458	3.63	1,035	37.6
OH.....	337	13,932	511	3.67	4,695	172.3
OK.....	99	12,354	447	3.62	1,223	44.3
OR.....	100	16,590	615	3.71	1,659	61.5
PA.....	669	15,106	554	3.67	10,106	370.9
RI.....	2.3	14,783	550	3.72	34.0	1.3
SC.....	33	12,273	449	3.66	405	14.8
SD.....	136	12,309	449	3.65	1,674	61.1
TN.....	194	11,263	407	3.61	2,185	78.9
TX.....	380	14,258	512	3.59	5,418	194.5
UT.....	79	15,975	575	3.60	1,262	45.4
VT.....	164	14,713	552	3.75	2,413	90.5
VA.....	140	14,614	529	3.62	2,046	74.1
WA.....	237	18,814	698	3.71	4,459	165.4
WV.....	23	11,739	451	3.67	270	9.9
WI.....	1,714	14,040	521	3.71	24,065	892.8
WY.....	8.7	12,563	465	3.70	109.3	4.0
US ³	9,990	14,867	544	3.66	148,526	5,435.6

¹ Average number during year, excluding heifers not yet fresh.
total will not add due to rounding.² Excludes milk sucked by calves.³ U.S.

National Agricultural Statistics Service.

**Table 469.—Milk: Quantities used and marketed by producers, by States, 1991
(preliminary)**

State	Milk used where produced			Milk marketed by producers		
	Fed to calves ¹	Used for milk, cream, and butter	Total	Sold to plants and dealers ²	Sold directly to consumers ³ ⁴	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
AL.....	3	1	4	517		517
AK.....	0.5	0.2	0.7	12.4	0.2	12.6
AZ.....	8	3	11	1,702		1,702
AR.....	19	8	27	790		790
CA.....	41	5	46	21,185	278	21,463
CO.....	50	15	65	1,238	32	1,270
CT.....	7	2	9	505	10	515
DE.....	1.0	0.0	1.0	129.0		129.0
FL.....	3	2	5	2,503		2,503
GA.....	5	2	7	1,430	10	1,440
HI.....	1.4	0.8	2.2	138.8		138.8
ID.....	43	6	49	2,870		2,870
IL.....	30	6	36	2,775		2,775
IN.....	40	10	50	2,235		2,235
IA.....	60	35	95	4,056		4,056
KS.....	18	3	21	1,209		1,209
KY.....	46	34	80	2,110		2,110
LA.....	12	7	19	915		915
ME.....	9	3	12	600	9	609
MD.....	8	3	11	1,398		1,398
MA.....	5	2	7	441		459
MI.....	80	10	90	5,150	18	5,166
MN.....	107	20	127	9,645	16	9,645
MS.....	3	3	6	730	2	732
MO.....	45	15	60	2,805		2,805
MT.....	10	6	16	322	3	325
NE.....	25	10	35	1,245		1,245
NV.....	5	1	6	331		331
NH.....	4	1	5	312		312
NJ.....	4	1	5	354		354
NM.....	9	8	17	1,870	30	1,900
NY.....	155	59	214	10,850	30	10,880
NC.....	17	3	20	1,491		1,491
ND.....	17	3	20	1,015		1,015
OH.....	20	10	30	4,665		4,665
OK.....	15	8	23	1,200		1,200
OR.....	26	7	33	1,566	60	1,626
PA.....	70	40	110	9,736	260	9,996
RI.....	1	0	1	33		33
SC.....	6	3	9	386	10	396
SD.....	10	4	14	1,660		1,660
TN.....	99	31	130	2,055		2,055
TX.....	33	5	38	5,380		5,380
UT.....	21	3	24	1,183	55	1,238
VT.....	24	8	32	2,375	6	2,381
VA.....	16	5	21	2,025		2,025
WA.....	15	4	19	4,261	179	4,440
WV.....	3	2	5	260	5	265
WI.....	265	72	337	23,724	4	23,728
WY.....	4	1	5	104		104
US ⁵	1,519	507	2,026	145,492	1,017	146,509

¹ Excludes milk sucked by calves. ² Includes the equivalent amounts of milk for cream sold to plants and dealers and milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers. ³ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds. ⁴ For States not published, sales are nominal. Included in milk sold to plants. ⁵ Sum of parts may not equal sum of totals due to rounding.

National Agricultural Statistics Service.

Table 470.—Milk: Production in specified countries, 1989–91

Country	Production								
	Milk cows			Yield per cow			Total milk product ¹		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Kilo-grams</i>	<i>Kilo-grams</i>	<i>Kilo-grams</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Argentina.....	2,150	2,100	1,950	3,128	3,095	3,179	6,725	6,500	6,200
Australia ³	1,663	1,631	1,618	3,888	3,945	4,066	6,465	6,435	6,578
Austria.....	887	883	880	3,741	3,760	3,750	3,318	3,320	3,300
Belgium/ Luxembourg.....	930	910	893	4,212	4,187	4,273	3,917	3,810	3,816
Brazil.....	14,650	14,800	15,500	915	959	890	13,400	14,200	13,800
Canada.....	1,449	1,429	1,410	5,507	5,528	5,603	7,980	7,900	7,900
Chile.....	640	645	640	1,984	2,202	2,328	1,270	1,420	1,460
China.....	2,222	2,260	2,800	1,716	1,827	1,659	3,813	4,130	4,626
Czechoslovakia...	1,775	1,765	1,650	4,000	3,991	3,879	7,100	7,044	6,400
Denmark.....	764	770	769	6,213	6,158	6,034	4,747	4,742	4,640
Finland.....	509	493	443	5,361	5,576	5,512	2,729	2,749	2,442
France.....	5,574	5,489	5,400	4,691	4,810	4,793	26,150	26,400	25,880
Germany, Dem. Rep. of.....	2,010	2,001	1,600	4,075	3,918	4,375	8,190	7,840	7,000
Germany, Fed. Rep. of.....	4,950	4,800	4,700	4,897	4,948	5,000	24,242	23,750	23,500
Greece.....	226	230	245	2,987	2,783	3,012	675	640	738
Hungary.....	580	570	545	4,897	4,912	4,817	2,840	2,800	2,625
India.....	29,000	30,000	31,000	828	890	871	24,000	26,700	27,000
Ireland.....	1,387	1,400	1,387	4,019	4,004	3,985	5,575	5,605	5,527
Italy.....	2,973	2,931	2,800	3,642	3,685	4,036	10,828	10,800	11,300
Japan.....	1,066	1,081	1,081	7,560	7,576	7,641	8,059	8,190	8,260
Mexico.....	6,300	6,410	6,440	1,424	1,456	1,584	8,970	9,330	10,200
Netherlands.....	1,888	1,855	1,819	5,996	6,027	6,075	11,321	11,180	11,050
New Zealand ⁴ ...	2,236	2,269	2,300	3,312	3,428	3,467	7,406	7,779	7,973
Norway.....	343	340	340	5,548	5,588	5,588	1,903	1,900	1,900
Peru.....	685	620	625	952	911	960	652	565	600
Poland.....	4,994	4,900	4,707	3,278	3,300	3,167	16,371	16,170	14,906
Portugal.....	414	389	403	3,430	3,805	3,846	1,420	1,480	1,550
Romania.....	2,030	1,990	1,600	2,044	2,261	2,563	4,150	4,500	4,100
South Africa.....	1,870	1,722	1,775	1,367	1,534	1,414	2,557	2,641	2,509
Spain.....	1,880	1,834	1,586	3,191	3,326	3,846	6,000	6,100	6,100
Sweden.....	560	556	508	6,107	6,223	6,382	3,420	3,460	3,242
Switzerland.....	795	785	784	4,892	4,943	4,911	3,889	3,880	3,850
Soviet Union.....	41,809	41,734	41,481	2,596	2,605	2,452	108,529	108,700	101,720
United Kingdom.....	3,142	3,224	3,206	4,662	4,658	4,588	14,647	15,016	14,710
United States.....	10,126	10,127	9,990	6,461	6,642	6,744	65,426	67,260	67,370
Venezuela.....	1,210	1,170	1,150	1,395	1,265	1,383	1,688	1,480	1,591
Yugoslavia.....	2,530	2,505	2,425	1,818	1,800	1,835	4,599	4,510	4,450
World total.....	158,217	158,618	158,450				434,971	440,926	430,843

¹ May include milk other than cow's milk. ² Preliminary. ³ Year ending June 30. ⁴ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 471.—Marketings, income, and value of milk production, by States, 1991
(preliminary)

State	Milk sold to plants and dealers ¹				Milk sold directly to consumers ²		
	Quantity	Percent fluid grade ²	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
AL.....	517	99	13.50	69,795			
AK.....	12.4	100	20.30	2,517	93	70	65
AZ.....	1,702	100	12.20	207,644			
AR.....	790	99	13.00	102,700			
CA.....	21,185	98	11.22	2,376,957	129,302	60	77,581
CO.....	1,238	100	12.70	157,226	14,884	60	8,930
CT.....	505	100	13.40	67,670	4,651	64	2,977
DE.....	129.0	100	13.00	16,770			
FL.....	2,503	100	14.90	372,947			
GA.....	1,430	100	13.70	195,910	4,651	68	3,163
HI.....	138.8	98	21.85	30,328			
ID.....	2,870	79	11.10	318,570			
IL.....	2,775	91	12.20	338,550			
IN.....	2,235	90	12.10	270,435			
IA.....	4,056	81	11.90	482,664			
KS.....	1,209	93	11.70	141,453			
KY.....	2,110	95	12.50	263,750			
LA.....	915	100	13.30	121,695			
ME.....	600	100	13.80	82,800	4,186	54	2,260
MD.....	1,398	100	13.00	181,740			
MA.....	441	100	13.50	59,535	8,372	65	5,442
MI.....	5,150	98	12.40	638,600	7,442	61	4,540
MN.....	9,645	80	11.91	1,148,720			
MS.....	730	99	13.20	96,360	930	54	502
MO.....	2,805	90	11.90	333,795			
MT.....	322	98	12.20	39,284	1,395	48	670
NE.....	1,245	79	11.60	144,420			
NV.....	331	100	11.60	38,396			
NH.....	312	100	13.60	42,432			
NJ.....	354	100	14.00	49,560			
NM.....	1,870	100	11.40	213,180	13,953	56	7,814
NY.....	10,850	100	12.70	1,377,950	13,953	62	8,651
NC.....	1,491	98	13.70	204,267			
ND.....	1,015	61	11.30	114,695			
OH.....	4,665	92	12.00	559,800			
OK.....	1,200	98	12.70	152,400			
OR.....	1,566	97	12.20	191,052	27,907	45	12,558
PA.....	9,736	99	13.20	1,285,152	120,930	51	61,674
RI.....	33	100	13.40	4,422			
SC.....	386	100	13.40	51,724	4,651	72	3,349
SD.....	1,660	57	12.10	200,860			
TN.....	2,055	95	12.70	260,985			
TX.....	5,380	100	12.70	683,260			
UT.....	1,183	85	11.50	136,045	25,581	49	12,535
VT.....	2,375	100	13.00	308,750	2,791	64	1,786
VA.....	2,025	98	13.30	269,325			
WA.....	4,261	100	12.00	511,320	83,256	56	46,623
WV.....	260	98	12.30	31,980	2,326	73	1,698
WI.....	23,724	88	12.01	2,849,252	1,860	47	874
WY.....	104	76	11.40	11,856			
US.....	145,492	93	12.24	17,811,498	473,116	55.7	263,693

See footnotes at end of table.

**Table 471.—Marketings, income, and value of milk production, by States, 1991
(preliminary)—Continued**

State	Combined marketing of milk and cream				Used for milk, cream, and butter where produced		Gross producer income ⁶	Value of all milk produced ^{5, 7}
	Milk utilized	Average returns ⁴		Cash receipts from marketings	Milk utilized	Value ⁵		
		Per 100 pounds milk	Per pound milkfat					
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	517	13.50	3.76	69,795	1	135	69,930	70,335
AK.....	12.6	20.49	6.08	2,582	0.2	41	2,623	2,726
AZ.....	1,702	12.20	3.39	207,644	3	366	208,010	208,986
AR.....	790	13.00	3.64	102,700	8	1,040	103,740	106,210
CA.....	21,463	11.44	3.12	2,454,538	5	572	2,455,110	2,459,799
CO.....	1,270	13.08	3.57	166,156	15	1,962	168,119	174,660
CT.....	515	13.72	3.77	70,647	2	274	70,921	71,881
DE.....	129.0	13.00	3.54	16,770	0.0	0	16,770	16,900
FL.....	2,503	14.90	4.27	372,947	2	298	373,245	373,692
GA.....	1,440	13.82	3.86	199,073	2	276	199,349	200,041
HI.....	138.8	21.85	6.56	30,328	0.8	175	30,503	30,809
ID.....	2,870	11.10	3.04	318,570	6	666	319,236	324,009
IL.....	2,775	12.20	3.32	338,550	6	732	339,282	342,942
IN.....	2,235	12.10	3.28	270,435	10	1,210	271,645	276,485
IA.....	4,056	11.90	3.28	482,664	35	4,165	486,829	493,969
KS.....	1,209	11.70	3.21	141,453	3	351	141,804	143,910
KY.....	2,110	12.50	3.43	263,750	34	4,250	268,000	273,750
LA.....	915	13.30	3.73	121,695	7	931	122,626	124,222
ME.....	609	13.97	3.84	85,060	3	419	85,479	86,737
MD.....	1,398	13.00	3.55	181,740	3	390	182,130	183,170
MA.....	459	14.16	3.79	64,977	2	283	65,260	66,968
MI.....	5,166	12.45	3.42	643,140	10	1,245	644,384	654,344
MN.....	9,645	11.91	3.25	1,148,720	20	2,382	1,151,102	1,163,845
MS.....	732	13.23	3.66	96,862	3	397	97,259	97,656
MO.....	2,805	11.90	3.26	333,795	15	1,785	335,580	340,935
MT.....	325	12.29	3.46	39,954	6	738	40,691	41,921
NE.....	1,245	11.60	3.15	144,420	10	1,160	145,580	148,480
NV.....	331	11.60	3.21	38,396	1	116	38,512	39,092
NH.....	312	13.60	3.63	42,432	1	136	42,568	43,112
NJ.....	354	14.00	3.83	49,560	1	140	49,700	48,860
NM.....	1,900	11.63	3.23	220,994	8	931	221,924	222,971
NY.....	10,880	12.74	3.48	1,386,601	59	7,519	1,394,120	1,413,874
NC.....	1,491	13.70	3.74	204,267	19	2,603	206,870	209,199
ND.....	1,015	11.30	3.11	114,695	3	339	115,034	116,955
OH.....	4,665	12.00	3.27	559,800	10	1,200	561,000	563,400
OK.....	1,200	12.70	3.51	152,400	8	1,016	153,416	155,321
OR.....	1,626	12.52	3.38	203,610	7	877	204,487	207,742
PA.....	9,996	13.47	3.67	1,346,826	40	5,389	1,352,216	1,361,647
RI.....	33	13.40	3.60	4,422	0	0	4,422	4,556
SC.....	396	13.91	3.80	55,073	3	417	55,490	56,324
SD.....	1,660	12.10	3.32	200,860	4	484	201,344	202,554
TN.....	2,055	12.70	3.52	260,985	31	3,937	264,922	277,495
TX.....	5,380	12.70	3.54	683,260	5	635	683,895	688,086
UT.....	1,238	12.00	3.33	148,580	3	360	148,940	151,460
VT.....	2,381	13.04	3.48	310,536	8	1,043	311,579	314,710
VA.....	2,025	13.30	3.67	269,325	5	665	269,990	272,118
WA.....	4,440	12.57	3.39	557,943	4	503	558,446	560,331
WV.....	265	12.71	3.46	33,678	2	254	33,932	34,313
WI.....	23,728	12.01	3.24	2,850,127	72	8,648	2,858,775	2,890,606
WY.....	104	11.40	3.08	11,856	1	114	11,970	12,460
US.....	146,509	12.34	3.37	18,075,191	507	63,570	18,138,761	18,325,569

¹ Includes the equivalent amounts of milk for cream sold to plants and dealers. ² Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products. ³ Also includes milk produced by institutional herds. ⁴ Cash receipts divided by milk for milkfat represented in combined marketings. ⁵ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ⁶ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. ⁷ Includes value of milk fed to calves.

National Agricultural Statistics Service.

Table 472.—Marketings, income and value of milk production, United States, 1977-91

Year	Milk sold to plants and dealers			Cream sold to plants and dealers ¹			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	Dollars	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 quarts	Cents	1,000 dollars
1977	118,154	9.72	11,488,120	6,586	92.0	6,058	695,162	36.7	255,314
1978	117,208	10.60	12,400,075	3,679	102.0	3,762	693,210	38.8	268,990
1979	119,379	12.02	14,347,397				692,698	42.3	293,347
1980	124,598	13.05	16,259,004				683,488	45.3	309,484
1981	128,994	13.77	17,764,463				684,744	48.3	330,763
1982	131,859	13.61	17,945,778				597,767	48.1	287,693
1983	136,014	13.58	18,474,613				564,791	48.4	273,121
1984	131,280	13.46	17,670,475				530,372	49.2	260,949
1985	139,307	12.76	17,770,415				582,000	48.7	283,205
1986	139,559	12.51	17,458,979				546,651	48.3	263,960
1987	139,253	12.54	17,456,027				556,884	48.6	270,619
1988	141,775	12.26	17,377,403				527,581	50.0	263,970
1989	141,124	13.56	19,141,836				482,884	53.9	260,247
1990	145,315	13.74	19,961,255				434,977	56.1	243,862
1991 ²	145,492	12.24	17,811,498				473,116	55.7	263,693

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products ⁵	Farm value of all milk produced ⁶
	Milk utilized	Average returns ³		Cash receipts from marketings	Milk utilized	Value ⁴		
	Million pounds	Per 100 pounds milk	Per pound milkfat	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
1977	119,831	9.81	2.68	11,749,492	1,283	126,448	11,875,940	12,023,440
1978	118,795	10.67	2.91	12,672,827	1,168	125,155	12,797,982	12,966,601
1979	120,869	12.11	3.31	14,640,744	1,040	127,038	14,767,781	14,941,518
1980	126,067	13.14	3.60	16,568,488	943	124,815	16,693,303	16,875,623
1981	130,467	13.87	3.81	18,095,225	886	124,050	18,219,275	18,415,052
1982	133,144	13.69	3.75	18,233,471	839	115,809	18,349,280	18,559,413
1983	137,228	13.66	3.74	18,747,734	839	115,529	18,863,263	19,070,771
1984	132,421	13.54	3.69	17,931,424	802	109,569	18,040,992	18,327,831
1985	140,558	12.84	3.50	18,053,620	709	92,331	18,145,951	18,369,643
1986	140,735	12.59	3.43	17,722,940	674	85,935	17,808,874	18,025,140
1987	140,450	12.62	3.46	17,726,646	659	84,655	17,811,301	18,014,069
1988	142,910	12.34	3.36	17,641,372	623	78,481	17,719,853	17,920,834
1989	142,163	13.65	3.70	19,402,082	579	79,484	19,481,567	19,687,530
1990	146,250	13.82	3.79	20,205,117	522	73,966	20,279,083	20,495,284
1991 ²	146,509	12.34	3.37	18,075,191	507	63,570	18,138,761	18,325,569

¹ After 1978 equivalent amounts of milk included in milk sold to plants and dealers. ² Preliminary. ³ Cash receipts divided by milk or milkfat represented in combined marketings. ⁴ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ⁵ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. ⁶ Includes value of milk fed to calves.

National Agricultural Statistics Service.

Table 473.—Federal Milk Order Markets: Measures of growth, 1977-91

Year	Markets ¹	Population of Federal milk marketing areas ²	Handlers ¹	Producers ³	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>
1977.....	47	159,504	1,260	122,755	77,947	41,125	52.8
1978.....	47	161,224	1,189	119,326	78,091	41,143	52.7
1979.....	47	163,053	1,127	116,447	79,436	41,011	51.6
1980.....	47	164,908	1,091	117,490	83,998	41,034	48.9
1981.....	48	166,663	1,058	119,323	87,989	40,746	46.3
1982.....	49	172,775	1,010	120,743	91,611	40,807	44.5
1983.....	46	175,624	958	121,052	95,757	41,091	42.9
1984.....	45	177,524	912	119,033	91,676	41,517	45.3
1985.....	44	176,440	884	116,765	97,762	42,201	43.2
1986.....	44	177,992	849	112,322	98,791	42,725	43.2
1987.....	43	180,374	797	105,882	98,182	42,876	43.7
1988.....	42	184,180	776	104,141	100,066	43,141	43.1
1989.....	41	185,919	748	100,291	95,871	43,367	45.2
1990.....	42	195,841	753	100,397	102,396	43,783	42.8
1991.....	40	198,409	722	100,342	103,274	45,051	43.6

Year	Prices at 3.5 percent butterfat content per hundredweight ⁴		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	10.59	9.69	80	66	1,740	62,692	7,695,764
1978.....	11.40	10.57	80	67	1,793	70,528	8,415,787
1979.....	12.88	11.97	80	66	1,870	83,262	9,695,637
1980.....	13.77	12.86	80	67	1,954	93,685	11,007,001
1981.....	14.69	13.63	80	68	2,021	102,354	12,213,199
1982.....	14.63	13.53	81	69	2,079	104,591	12,628,576
1983.....	14.69	13.53	82	70	2,168	109,142	13,211,805
1984.....	14.41	13.33	81	70	2,104	104,944	12,491,788
1985.....	13.88	12.61	80	70	2,294	107,871	12,595,522
1986.....	13.60	12.38	80	71	2,413	111,581	12,515,451
1987.....	13.90	12.51	80	71	2,542	118,402	12,529,800
1988.....	13.42	12.14	⁵ 79	⁵ 71	2,627	119,261	12,419,974
1989.....	14.51	13.30	⁵ 75	⁵ 68	2,614	129,744	13,012,796
1990.....	15.55	13.78	⁵ 77	⁵ 70	2,796	142,324	14,289,567
1991.....	13.30	12.11	⁵ 76	⁵ 71	2,820	126,304	12,674,138

¹ End of year. (Date on which pricing provisions became effective.) ² End of year. Data for 1980 and 1990 according to the 1980 and 1990 U.S. Census of Population, respectively. Data for 1977-1979, 1981-1989, and 1991 are estimated. ³ Average for year. ⁴ Weighted averages. ⁵ The decrease in these percentages results from handlers electing, because of blend and Class III price levels, not to pool milk that normally would have been pooled under Federal milk orders.

Agricultural Marketing Service.

Table 474.—Dairy products: Quantities manufactured, United States, 1984-91

Product	1984	1985	1986	1987	1988	1989	1990	1991 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter	1,103,316	1,247,792	1,202,392	1,104,135	1,207,540	1,295,409	1,302,177	1,336,281
American cheese:								
Whole milk	2,648,459	2,855,230	2,798,160	2,716,659	2,756,577	2,674,075	2,894,221	2,804,868
Part skim	2,711	2,380	2,051	858	1,050	825	845	841
Swiss cheese (including block)	207,958	222,886	227,340	227,241	250,111	231,238	261,065	234,489
Munster cheese	76,046	82,096	88,488	92,629	83,327	91,121	100,201	106,352
Brick cheese	16,032	20,131	20,387	28,939	24,846	17,490	17,337	15,298
Limburger cheese	1,225	1,049	1,119	1,087	975	901	803	715
Cream and Neufchatel cheese	276,466	293,769	321,504	342,230	375,878	400,959	430,799	446,693
Blue cheese	34,115	33,433	34,198	35,863	37,789	34,561	36,434	34,371
All Italian varieties of cheese	1,318,816	1,491,314	1,632,921	1,799,770	1,937,118	2,042,894	2,207,021	2,328,624
All other varieties of cheese ..	92,165	77,742	82,097	99,108	104,302	121,231	110,710	118,547
Total of all cheese	4,673,993	5,080,942	5,209,252	5,344,364	5,571,973	5,615,372	6,059,436	6,090,798
Cottage cheese:								
Curd ²	606,219	598,845	600,122	573,778	556,660	526,913	493,452	490,767
Creamed ²	736,061	715,581	704,619	674,805	647,083	572,263	530,636	497,928
Lowfat ²	229,331	244,390	265,475	270,528	290,854	300,881	301,833	321,109
Sweetened condensed milk:								
Bulk goods:								
Skimmed	51,343	49,551	55,416	57,541	58,530	66,263	44,510	58,809
Unskimmed	66,061	69,481	72,303	78,728	73,946	93,480	105,371	101,676
Unsweetened condensed milk (plain, condensed):								
Bulk goods:								
Skimmed	803,641	841,100	957,039	954,683	966,409	1,079,799	1,131,512	1,122,060
Unskimmed	238,273	272,044	276,530	292,219	265,119	177,466	144,417	150,037
Evaporated and condensed milk:								
Case goods:								
Skimmed	18,035	20,837	17,673	16,966	22,030	20,169	12,536	16,952
Unskimmed	647,663	635,292	584,426	579,722	590,113	525,128	602,647	543,094
Condensed or evaporated buttermilk	37,899	41,264	41,549	51,908	79,917	40,476	37,247	39,572
Dry buttermilk	43,485	51,523	65,677	55,627	58,679	60,517	55,851	59,928
Dry whole milk	119,622	118,856	122,366	145,861	172,329	175,768	175,129	106,778
Nonfat dry milk	1,160,670	1,390,033	1,284,143	1,056,797	979,722	874,667	879,212	877,525
Dry skim milk (animal feed)	7,672	8,262	9,718	19,823	18,730	18,705	23,221	7,216
Dry whey	897,946	986,829	1,031,033	1,097,349	1,136,987	1,069,470	1,143,259	1,167,394
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream	894,468	901,449	923,597	928,356	882,079	831,159	823,610	862,638
Sherbet (does not include water ices)	47,488	48,206	49,679	49,998	52,175	52,662	50,278	47,379
Ice milk ³	299,825	301,312	314,673	327,561	354,831	376,507	352,271	334,715

¹ Preliminary. ² Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight. ³ Includes freezer-made milkshake in most States.

National Agricultural Statistics Service.

Table 475.—Dairy products: Factory production of specified items, by States, 1989–91

State	Butter			Total American cheese ²			Total cheese ³		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
AL.....									
AZ.....									
AR.....									
CA.....	254,685	279,790	307,278	244,849	308,377	311,802	608,088	698,984	741,733
CO.....									
CT.....									
DE.....									
FL.....									
GA.....									
ID.....			6,894	104,774	103,513	127,865	160,648	178,474	
IL.....	2,354	1,815	1,490	3,493	1,628		115,090	110,165	110,171
IN.....				27,183			27,183		
IA.....				126,037	132,370	121,239	256,091	293,151	290,016
KS.....	21,555	19,278	22,842	34,867	39,772	39,276	46,988	55,084	
KY.....				12,088	11,523		31,373	28,828	
LA.....									
ME.....									
MD.....									
MA.....									
MI.....	27,635	18,021	18,547	18,478			73,673	107,890	
MN.....	135,628	115,409		561,856	596,816	552,300	610,843	654,188	621,428
MS.....				8,544			8,808		
MO.....	14,373	15,416	14,531	78,604	70,874	57,822	191,757	189,505	191,087
MT.....	1,193	1,017	1,178						
NE.....							112,959	136,925	130,587
NV.....									
NH.....									
NJ.....									
NM.....							44,404		45,088
NY.....	26,011	20,296	25,817	83,678	96,575	86,998	500,172	507,229	494,945
NC.....									
ND.....	6,416	4,766	5,394	40,017	44,628	40,368	40,017	44,628	40,368
OH.....		40,632	54,874	15,264			92,137	98,600	92,891
OK.....	18,279	14,770							
OR.....	15,344	15,661	17,961	34,689	39,821	39,947	34,810	39,964	40,096
PA.....	67,248	75,963	79,520				220,564	248,597	263,462
RI.....									
SC.....									
SD.....				59,632	49,991	45,414	148,849	156,458	151,489
TN.....				6,018	9,950		13,202	19,058	
TX.....									
UT.....				37,716	40,767	43,067	65,042	70,204	71,574
VT.....							108,371	122,793	131,558
VA.....									
WA.....							67,630	71,322	
WI.....	318,717	320,359	346,528	924,206	954,352	937,278	1,847,455	1,910,230	1,965,888
WV.....									
Other.....	385,365	358,984	433,927	252,082	393,264	401,492	189,218	317,159	708,417
US.....	1,295,409	1,302,177	1,336,281	2,674,075	2,894,221	2,804,868	5,615,372	6,059,436	6,090,798

See footnotes at end of table.

Table 475.—Dairy products: Factory production of specified items, by States, 1989–91—Continued

State	Evaporated and sweetened condensed whole milk (case goods)			Nonfat dry milk for human food			Total ice cream		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
AL.....							21,447	19,835	19,488
AK.....							90	70	46
AZ.....							7,442	7,232	6,927
AR.....							5,035	3,840	4,079
CA.....				281,861	324,200	341,165	107,758	102,718	108,647
CO.....							10,643	10,781	11,252
CT.....									
DE.....									
FL.....							28,133	24,290	26,801
GA.....							11,087	9,898	8,806
ID.....						7,752			6,729
IL.....							22,885	32,908	31,725
IN.....							26,256	31,135	37,052
IA.....				59,693			27,040	30,669	42,393
KS.....							6,322	5,961	6,059
KY.....									
LA.....									
ME.....							1,708	1,661	
MD.....							19,117	19,332	
MA.....							38,546	32,675	37,165
MI.....				34,342		25,718	27,421	27,217	28,194
MN.....				67,178	36,901	17,865	38,975	39,422	40,414
MS.....									
MO.....				9,520	16,916	12,688	15,481	13,460	14,642
MT.....									
NE.....									
NV.....									
NH.....									
NJ.....							18,232	17,736	
NM.....									
NY.....				11,447	16,697	22,966	46,507	43,242	44,579
NC.....							33,589	34,585	35,449
ND.....				4,576	2,818	926	1,973	1,873	1,010
OH.....							30,571	40,735	43,947
OK.....							12,595	12,228	12,733
OR.....							8,212	8,594	8,809
PA.....							73,583	68,924	74,310
RI.....									
SC.....							14,398	11,719	12,508
SD.....									
TN.....							18,611	15,291	17,006
TX.....							46,368	50,801	52,850
UT.....							8,085	7,827	7,220
VT.....									
VA.....							10,455	8,349	6,108
WA.....						164,772	16,568	15,756	16,281
WV.....									
WI.....				51,291	44,914	35,253	21,313	19,646	14,847
Other.....				354,759	436,766	248,420	54,713	53,200	84,562
US.....	525,128	602,647	543,094	874,667	879,212	877,525	831,159	823,610	862,638

¹ Preliminary. ² Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.³ Includes full-skim American cheese; excludes cottage cheese.

National Agricultural Statistics Service.

Table 476.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1977-91

Year	Milk cows, per head ¹	Milk per 100 pounds ²						Milkfat in cream, per pound ⁴
		Eligible for fluid market ³		Of manufacturing grade		All milk wholesale		
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Cents</i>
1977	504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978	675.00	10.80	3.66	9.65	3.67	10.60	3.67	102.0
1979	1,040.00	12.20	3.65	11.06	3.68	12.02	3.66	119.0
1980	1,190.00	13.23	3.65	12.01	3.67	13.05	3.65	(⁵)
1981	1,200.00	13.95	3.64	12.72	3.66	13.77	3.64	.....
1982	1,110.00	13.80	3.65	12.60	3.68	13.61	3.65	.....
1983	1,030.00	13.75	3.65	12.61	3.67	13.58	3.66	.....
1984	895.00	13.61	3.66	12.49	3.69	13.46	3.66	.....
1985	860.00	12.90	3.67	11.72	3.68	12.76	3.67	.....
1986	820.00	12.62	3.66	11.46	3.68	12.51	3.67	.....
1987	920.00	12.66	3.65	11.37	3.66	12.54	3.65	.....
1988	990.00	12.36	3.67	11.15	3.68	12.26	3.67	.....
1989	1,030.00	13.66	3.68	12.38	3.70	13.56	3.68	.....
1990	1,160.00	13.89	3.64	12.34	3.70	13.74	3.65	.....
1991	1,100.00	12.30	3.65	11.05	3.71	12.26	3.66	.....

¹ Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year. ² Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums. ³ Milk eligible for fluid market, including surplus diverted to manufacturing. ⁴ Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold. ⁵ Estimate discontinued.

National Agricultural Statistics Service.

Table 477.—Mellorine-type frozen desserts: Production by States, United States totals, 1977-91

Year	Ala-bama	Arizo-na	Arkan-sas	Calif-ornia	Ill-i-nois	Louis-i-ana	Mis-souri	Mon-tana	Okla-homa	Or-e-gon	Texas	United States ¹
	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons	1,000 gal-lons
1977.....		393	571	4,077	1,004	116	752		536	295	9,100	18,795
1978.....			468	3,421	954	32	527		456	261	7,949	16,264
1979.....			413	2,725	1,070		519	58	375	230	6,913	15,674
1980.....			393	2,263	912		487		241	203	6,052	13,190
1981.....			378	1,744	857	4	479		204	190	5,642	11,191
1982.....			399	1,146	812		495		196		5,120	10,130
1983.....			310	807	639		170		167		5,473	10,086
1984.....	147		621	665	716				138		3,857	8,886
1985.....			528	594	346				103		4,184	8,752
1986.....			267	287	168				64		4,622	8,429
1987.....			602	281	149						4,690	10,110
1988.....												9,989
1989.....												6,976
1990.....												7,647
1991 ²												9,416

¹ Includes several minor producing States which are not shown separately. ² Preliminary.

National Agricultural Statistics Service.

Table 478.—Dairy products: Manufacturers' average selling price ¹ of specified products, United States, 1977-91

Year	Unsweetened evaporated milk, per case of 48 14½-ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory
	Dollars	Cents	Cents	Cents
1977.....	12.05-15.62	66.65	32.02	80.69
1978.....	(²)	71.01	33.14	89.63
1979.....		79.94	35.63	101.58
1980.....		88.58	40.31	110.97
1981.....		93.92	43.66	118.53
1982.....		(³)	(³)	(³)
1983.....		93.84	39.91	119.65
1984.....		91.17	40.64	118.38
1985.....		84.59	41.18	114.18
1986.....		80.94	40.78	111.87
1987.....		79.30	43.57	112.71
1988.....		76.58	48.11	113.50
1989.....		95.16	64.45	126.03
1990.....		94.29	60.03	126.29
1991.....		88.29	54.72	109.20

¹ Includes milk sold in bulk and in package. ² Estimate discontinued. ³ Data not available for 1982.
National Agricultural Statistics Service.

Table 479.—Dairy products: Manufacturers' stocks, end of month, United States, 1990 and 1991

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
			1990	1991	1990	1991
	1990	1991	1990	1991	1990	1991
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	47,967	73,947	17,506	10,661	49,336	106,074
February.....	65,787	73,947	16,177	10,661	56,967	106,074
March.....	84,508	73,947	15,198	10,661	59,181	106,074
April.....	89,460	90,619	17,438	10,399	62,427	84,419
May.....	88,861	107,070	16,051	10,798	70,326	74,353
June.....	97,348	109,051	16,502	6,992	92,804	67,480
July.....	101,144	110,207	14,893	6,343	107,797	69,759
August.....	104,460	111,147	12,165	6,088	122,651	68,701
September.....	101,953	95,872	13,894	5,642	115,267	48,712
October.....	84,246	66,344	11,620	6,045	115,067	39,646
November.....	71,737	44,193	11,350	6,412	114,819	36,946
December.....	58,100	34,747	11,193	8,490	114,575	60,996

National Agricultural Statistics Service.

Table 480.—Dairy products: Cold-storage holdings, end of month, United States, 1990 and 1991

Month	Creamery butter		American cheese		Swiss cheese		Total natural cheese ¹	
	1990	1991	1990	1991	1990	1991	1990	1991
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	269,700	466,698	258,943	370,899	8,121	12,396	358,369	483,948
February.....	293,811	522,057	271,151	367,615	8,237	13,215	374,909	475,067
March.....	335,449	555,537	291,806	386,192	8,242	13,567	395,760	492,421
April.....	358,769	620,491	300,764	403,904	9,121	13,705	413,432	510,262
May.....	399,615	646,714	322,087	408,466	11,213	11,826	441,569	512,120
June.....	419,988	662,716	335,928	413,763	11,506	11,945	465,005	521,493
July.....	420,795	659,810	360,557	402,860	10,750	11,576	484,571	511,540
August.....	427,867	629,445	358,762	392,174	12,141	11,976	475,750	494,152
September.....	412,318	597,206	348,740	374,038	12,804	13,020	459,864	477,946
October.....	413,575	567,124	338,358	337,847	11,831	10,841	445,423	429,335
November.....	407,584	542,962	334,361	319,116	12,716	9,661	437,255	408,964
December.....	416,056	539,402	347,200	317,813	12,049	10,860	457,791	415,352

¹ Includes American, Swiss, and other types of natural cheese.
National Agricultural Statistics Service.

Table 481.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1990 and 1991 ¹

Federal milk order marketing area	Whole milk items ²				Lowfat and skim milk items ³				Total fluid milk items			
	Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>
Alabama-West Florida.....	441,069	430,740	3.26	3.26	505,362	517,804	1.35	1.33	946,431	948,544	2.24	2.21
Black Hills, South Dakota.....	7,252	6,469	3.30	3.29	28,380	29,188	1.72	1.67	35,633	35,657	2.04	1.96
Carolina, N.C.-S.C. ⁴	310,136	900,418	3.18	3.21	309,405	952,228	1.27	1.28	619,541	1,852,646	2.23	2.22
Central Arizona.....	296,457	280,633	3.28	3.38	538,544	562,340	1.60	1.59	835,001	842,973	2.20	2.18
Central Arkansas.....	125,421	126,637	3.34	3.26	131,945	137,645	1.57	1.56	257,366	264,282	2.44	2.38
Central Illinois.....	42,485	41,155	3.25	3.25	154,038	168,259	1.67	1.66	196,523	209,414	2.02	1.97
Chicago Regional, Ill.-Wis.....	654,779	618,945	3.28	3.28	2,054,630	2,092,644	1.53	1.51	2,709,409	2,711,589	1.95	1.91
Eastern Colorado, Colo.-Kans.....	192,752	186,326	3.29	3.31	451,811	468,771	1.57	1.55	644,563	655,097	2.09	2.05
Eastern Ohio-Western Pa., Ohio-W. Va.-Pa.....	593,922	565,180	3.25	3.26	1,290,265	1,305,034	1.62	1.62	1,884,187	1,870,214	2.14	2.11
Eastern South Dakota, S. Dakota-Iowa-Minn.....	12,551	11,975	3.19	3.23	98,395	101,661	1.51	1.53	110,947	113,636	1.70	1.71
Georgia.....	550,279	546,799	3.26	3.25	599,408	609,412	1.36	1.35	1,149,687	1,156,211	2.27	2.25
Great Basin, Utah-Nev.-Wyo.-Idaho.....	188,596	182,161	3.42	3.33	600,957	623,327	1.66	1.62	789,553	805,488	2.08	2.01
Greater Kansas City, Mo.-Kans.....	151,704	144,912	3.22	3.23	374,000	381,212	1.53	1.46	525,704	526,124	2.02	1.95
Greater Louisiana.....	297,573	285,854	3.27	3.31	255,449	265,489	1.44	1.44	553,022	551,343	2.42	2.40
Indiana, Ind.-Mich.....	276,711	256,240	3.25	3.26	952,201	954,940	1.63	1.64	1,228,911	1,211,180	2.00	1.98
Iowa, Iowa-Ill.-Mo. ⁵	107,893	103,210	3.28	3.31	577,672	586,038	1.46	1.43	685,564	689,248	1.75	1.71
Louisville-Lex.-Evans, Ky.-Ind.....	185,207	190,389	3.27	3.27	450,305	464,602	1.61	1.60	635,512	654,991	2.09	2.09
Lubbock-Plainview, Texas.....	50,556	45,859	3.27	3.25	31,534	32,126	1.40	1.38	82,090	77,985	2.55	2.48
Memphis, Tenn.-Miss.-Ark.....	87,556	83,386	3.26	3.27	124,663	130,521	1.51	1.52	212,219	213,907	2.23	2.20
Michigan Upper Peninsula, Mich.-Wis.....	15,679	14,204	3.23	3.25	86,076	86,648	1.60	1.59	101,756	100,851	1.85	1.82
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va.....	1,332,933	1,279,336	3.26	3.26	1,637,958	1,695,358	1.35	1.33	2,970,891	2,974,694	2.21	2.16
Nashville, Tenn.-Ky.....	163,721	166,015	3.27	3.29	220,562	231,379	1.42	1.40	384,283	397,394	2.21	2.19
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak.....	98,555	94,418	3.15	3.24	371,388	375,873	1.47	1.44	469,944	470,291	1.82	1.81
New England, Mass.-Conn.-N.H.-R.I.-Vt.....	1,286,286	1,220,765	3.26	3.27	1,415,202	1,572,642	1.20	1.20	2,701,488	2,793,406	2.18	2.10
New Orleans-Mississippi, La.-Miss.....	393,091	377,894	3.30	3.30	361,557	389,941	1.35	1.40	754,648	767,836	2.36	2.33
New York-New Jersey.....	2,618,357	2,527,684	3.30	3.32	1,765,299	1,766,590	1.27	1.25	4,383,656	4,294,238	2.59	2.48
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va.....	510,984	492,002	3.26	3.26	1,286,293	1,326,066	1.71	1.67	1,797,277	1,818,068	2.15	2.10

See footnotes at end of table.

Table 481.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1990 and 1991 ¹—Continued

Federal milk order marketing area	Whole milk items ²				Lowfat and skim milk items ³				Total fluid milk items			
	Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	1,000 pounds	Percent	Percent
Pacific Northwest, Wash., Idaho.....	435,297	411,625	3.24	3.26	1,666,470	1,727,873	1.59	1.57	2,101,767	2,139,498	1.93	1.89
Paducah, Ky.-Mo.....	29,775	27,004	3.26	3.28	48,297	49,264	1.59	1.61	78,072	76,268	2.23	2.20
Rio Grande Valley, N. Mex.-Texas-Colo. ⁷	282,373	293,821	3.29	3.36	160,671	167,219	1.45	1.48	443,044	461,040	2.62	2.68
Southeastern Florida.....	526,730	527,710	3.25	3.25	396,604	421,461	1.22	1.20	923,334	949,171	2.38	2.34
Southern Illinois-Eastern Missouri.....	206,102	194,455	3.22	3.23	648,642	647,116	1.56	1.55	854,744	841,571	1.96	1.94
Southern Michigan.....	672,344	654,830	3.26	3.26	1,214,204	1,250,706	1.33	1.34	1,886,548	1,905,536	2.02	2.00
Southwestern Idaho-Eastern Oregon.....	34,752	36,190	3.22	3.29	125,456	139,226	1.66	1.66	160,208	175,416	2.00	1.99
Southwest Plains, Okla.-Kans.-Mo.-Ark.....	541,561	534,006	3.26	3.27	661,424	682,257	1.49	1.49	1,202,985	1,216,263	2.29	2.27
Tampa Bay, Fla.....	340,597	329,424	3.30	3.30	434,105	444,969	1.20	1.21	774,702	774,393	2.12	2.10
Tenn. Val.-Ky.-Va.-W. Va., Ga.....	265,717	253,875	3.28	3.28	438,566	442,143	1.46	1.47	704,283	696,018	2.15	2.13
Texas.....	1,648,903	1,616,198	3.30	3.29	1,417,688	1,475,378	1.38	1.40	3,066,591	3,091,576	2.41	2.39
Texas Panhandle, Texas ⁸	40,738	36,085	3.28	3.29	24,240	22,745	1.49	1.47	64,977	58,830	2.61	2.59
Upper Florida.....	422,407	391,468	3.26	3.26	504,603	523,589	1.28	1.24	927,009	915,057	2.18	2.10
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa.....	164,728	159,983	3.19	3.19	1,300,967	1,318,388	1.27	1.24	1,465,696	1,478,371	1.49	1.45
Western Colorado.....	16,071	18,707	3.30	3.29	41,661	48,147	1.59	1.62	57,731	66,854	2.07	2.09

¹ In-area sales include total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas, therefore, some handlers' in-area sales are partially estimated. ² Plain, flavored, and miscellaneous whole milk products. ³ Plain, fortified, and flavored skim and lowfat milk, buttermilk, and miscellaneous lowfat and skim milk products. ⁴ New marketing area that was formed during the period January 1, 1990–December 31, 1991. Data for 1990 are for September–December. ⁵ Effective January 1, 1990, the Iowa marketing area was expanded to include previously unregulated area in Iowa, Illinois, and Missouri. ⁶ Data for 1991 represent sales for January through November. See 7. ⁷ Effective December 1, 1991, the Texas Panhandle, Lubbock-Plainview, and Rio Grande Valley orders were merged to form the New Mexico-West Texas order. Data for 1990 and January–November 1991 are for Rio Grande Valley.

Agricultural Marketing Service.

Table 482.—Milk: Supply and

Item	1977	1978	1979	1980
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production	122,654	121,641	123,350	128,406
Net imports of ingredients (milk equivalent) ²	228	232	237	203
Net change in storage cream (milk equivalent) ³	-16	-11	24	-3
Total supply	122,866	121,682	123,611	128,606
Utilization (milk equivalent):				
Used in manufactured products:				
Creamery butter, total milk equivalent	24,396	22,372	22,191	25,824
Milk equivalent of butter from whey cream	2,543	2,660	2,810	2,998
Net milk equivalent	21,853	19,712	19,381	22,826
Cheese:				
American	20,480	20,737	21,856	23,765
Other	8,385	9,180	9,701	10,160
Cottage cheese, creamed	1,056	1,056	1,028	1,016
Canned milk:				
Evaporated and sweetened condensed	1,809	1,725	1,752	1,594
Bulk condensed whole milk:				
Unsweetened	398	348	381	377
Sweetened	182	186	187	147
Dry whole milk	514	549	627	607
Ice cream and other frozen dairy products, total milk equivalent	13,805	13,859	13,767	14,010
Milk equivalent of butter and condensed milk used in ice cream	2,098	2,115	2,088	2,084
Net milk equivalent	11,707	11,744	11,679	11,926
Other manufactured products ⁴	684	707	912	909
Total manufactured products	67,068	65,944	67,504	73,327
Available for use in fluid products:				
Sold by dealers	49,885	49,685	49,884	49,385
Sold by producers directly to consumers ⁵	1,495	1,490	1,489	1,470
Total available for fluid products	51,380	51,175	51,373	50,855
Used on farms where produced:				
Fed to calves	1,541	1,497	1,442	1,395
Used for farm-churned butter	1,283	1,168	1,040	943
Total used on farms	2,824	2,665	2,483	2,338
Residual ⁶	1,594	1,898	2,251	2,086
Total utilization	122,866	121,682	123,611	128,606

¹ Preliminary. ² Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures. ³ Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage. ⁴ Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat. (Continued on page 321.)

National Agricultural Statistics Service.

Utilization, United States, 1977-91

1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991 ¹
<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pound</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
132,770 192 11	135,505 273 7	139,672 263 18	135,450 220 -2	143,147 254 -12	143,381 254 16	142,709 238 13	145,152 212 0	144,239 183 -2	148,313 195 -4	148,526 121 0
132,973	135,785	139,953	135,668	143,389	143,651	142,960	145,364	144,420	148,504	148,647
27,806 3,192 24,614	28,352 3,365 24,987	29,342 3,554 25,788	24,877 3,406 21,471	28,079 3,694 24,385	27,073 3,799 23,274	24,966 3,894 21,072	27,116 4,017 23,099	28,486 3,961 24,525	29,391 4,348 25,043	30,039 4,296 25,743
26,215 10,331 977	27,540 11,363 950	29,314 11,692 941	26,403 12,315 932	28,556 13,144 917	27,976 14,263 914	27,297 15,554 884	27,571 16,540 857	26,605 16,943 704	28,964 18,404 672	27,950 18,819 644
1,669	1,490	1,525	1,419	1,509	1,278	1,272	1,285	1,144	1,332	1,194
475 164 686	543 161 758	475 173 823	544 180 880	656 161 877	666 169 901	707 184 1,067	640 172 1,263	428 215 1,286	351 243 1,292	364 236 785
14,080	14,268	14,720	14,783	15,021	15,451	15,697	15,115	14,600	14,321	14,818
2,116 11,964 821	2,133 12,135 656	2,122 12,598 663	2,123 12,660 488	2,166 12,855 477	2,225 13,226 559	2,241 13,456 452	2,155 12,960 388	2,069 12,531 357	2,014 12,307 332	2,092 12,726 356
77,916	80,583	83,992	77,292	83,537	83,226	81,945	84,775	84,738	88,940	88,817
48,743 1,472	48,061 1,285	48,494 1,211	49,464 1,141	50,750 1,264	51,460 1,176	52,232 1,197	53,277 1,134	54,235 1,069	54,435 1,009	54,815 1,017
50,215	49,346	49,705	50,605	52,014	52,636	53,429	54,411	55,304	55,444	55,832
1,418 886	1,521 839	1,527 842	2,134 804	1,747 709	1,736 677	1,599 659	1,620 623	1,503 579	1,517 522	1,519 507
2,304	2,361	2,369	2,938	2,456	2,412	2,258	2,242	2,082	2,039	2,026
2,538	3,495	3,887	4,833	5,382	5,377	5,327	3,936	2,296	2,081	1,972
132,973	135,785	139,953	135,668	143,389	143,651	142,960	145,364	144,420	148,504	148,647

¹ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds. ² Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

Table 483.—Milk markets under Federal order program: Blend and Class I milk deliveries used in Class I, Class I percentage, average daily deliveries per producer,

Federal milk order marketing area	Blend price per hundredweight ¹		Class I price per hundredweight		Average number of producers	
	1990	1991	1990	1991	1990	1991
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Million pounds</i>
Alabama-West Florida ²	15.34	13.14	16.06	13.79	1,121	1,152
Carolina ^{3,4}	14.62	13.28	15.47	13.79	2,053	1,968
Central Arizona ⁵	14.06	12.21	15.52	13.26	130	125
Central Arkansas ⁶	15.12	12.88	15.78	13.50	926	957
Central Illinois ⁷	13.67	11.85	14.58	12.35	243	243
Chicago Regional, Ill.-Wis. ^{8,9}	12.74	11.29	14.39	12.13	21,789	21,294
Eastern Colorado, Col.-Kans. ¹⁰	14.25	12.41	15.71	13.45	600	562
E. Ohio-W. Pa., Ohio-Pa.-W. Va. ¹¹	13.85	11.93	14.99	12.73	4,889	4,685
Georgia ¹²	15.36	13.04	16.17	13.76	904	535
Great Basin, Utah-Nev.-Wyo. ¹³	13.47	11.79	14.87	12.62	747	789
G. Kan. City, Mo.-Kans. ^{9,14}	13.68	12.10	14.95	12.65	958	841
Greater Louisiana ¹⁵	15.48	13.34	16.27	13.98	630	700
Indiana ¹⁶	14.07	12.11	14.98	12.72	2,449	2,305
Iowa, Iowa-Ill. ^{9,17}	13.05	11.49	14.52	12.27	3,834	3,849
Louis.-Lex.-Evans., Ky.-Ind.	14.30	12.34	15.08	12.83	1,693	1,644
Lubbock-Plainview, Texas ¹⁸	14.70	12.37	15.70	13.07	44	45
Mich Upper Peninsula ^{19,20}	13.99	11.97	14.31	12.06		
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. ²¹	14.24	12.45	16.00	13.75	5,509	5,458
Nashville, Tenn.-Ky.	14.87	12.75	15.48	13.24	1,125	1,227
Nebraska-Western Iowa, Nebr.-Iowa.-S.Dak. ^{9,22}	13.14	11.60	14.71	12.48	1,976	1,945
New England, Mass.-Conn.-N.H.-R.I.-Vt. ²³	14.65	12.77	16.22	13.96	4,893	4,829
New Mexico-West Texas ^{24,25}	13.98	12.22	15.24	13.18	59	65
New Orleans-Mississippi, La.-Miss. ²⁶	15.66	13.51	16.84	14.57	1,122	1,143
New York-New Jersey ²⁷	14.02	12.45	16.14	13.86	13,261	12,730
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. ²⁸	13.93	12.06	14.98	12.75	3,236	3,428
Pacific Northwest, Idaho-Oreg.-Wash. ²⁹	13.13	11.61	14.87	12.62	1,837	1,751
Paducah, Ky.-Mo.	14.73	12.67	15.35	13.06	330	317
Southeastern Florida ³⁰	16.76	14.56	17.16	14.87	125	115
S. Ill.-E. Missouri, Ill.-Mo. ^{9,31}	13.85	12.05	14.90	12.64	2,443	2,276
Southern Michigan ^{9,32}	13.46	11.72	14.74	12.48	4,899	4,671
S.W. Idaho-E. Oregon ^{9,33}	12.66	11.31	14.47	12.23	294	264
Southwest Plains ³⁴	13.98	12.25	15.75	13.49	3,627	3,917
Tampa Bay, Fla.	16.21	14.05	16.90	14.58	186	151
Tenn. Val., Tenn.-Va.-W. Va.-Ky.-Ga. ³⁵	14.97	13.00	15.79	13.49	1,520	1,333
Texas ³⁶	14.47	12.64	16.25	13.98	2,371	2,338
Upper Florida ³⁷	16.02	13.82	16.57	14.30	161	172
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa ^{9,38}	12.72	11.24	14.17	11.93	9,787	10,522

¹ For individual-handler pools, weighted average of blend prices for all handlers. For markets with base-excess plans, weighted average of base and excess prices. ² Zone 2 (Birmingham). ³ New marketing area that was formed during the period January 1, 1990-December 31, 1991. Data for 1990 are for September-December.

⁴ Charlotte. ⁵ Phoenix. ⁶ Little Rock. ⁷ Peoria. ⁸ Zone I (Chicago). ⁹ Because the blend price adjusted for location was equal to or less than the Class III price in the outer zones of these markets in some months, in 1990 and 1991 handlers elected not to pool milk that normally would have been pooled under those orders. ¹⁰ Denver. Note: Price data are for Eastern Colorado. Other data are a combination of Eastern Colorado and Western Colorado.

¹¹ Cleveland and Pittsburgh. ¹² Atlanta. ¹³ Salt Lake City, Utah. ¹⁴ Kansas City and Topeka. Note: Price data are for Greater Kansas City. Other data are a combination of Greater Kansas City, Eastern South Dakota, and Black Hills. ¹⁵ Monroe and Shreveport. ¹⁶ Indianapolis. ¹⁷ Zone I (Des Moines). ¹⁸ Data are for January through November only; see 24. Price data are for Lubbock-Plainview. Other data are a combination of Lubbock-Plainview and Texas Panhandle. ¹⁹ Some of the data were restricted—pertains to fewer than three firms.

²⁰ Zone II (Marquette). ²¹ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. ²² Zone I (Omaha).

Agricultural Marketing Service. Compiled from reports of market administrators.

Prices at 3.5 percent fat test, number of producers, producer deliveries, producer average fat test of milk delivered, by markets, 1990 and 1991

Total producer deliveries		Producer deliveries used in Class I		Class I utilization		Daily deliveries per producer		Average fat test	
1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
1,220	1,252	989	987	81.1	78.8	3,001	2,988	3.55	3.58
950	2,796	768	2,248	80.9	80.4	3,806	3,924	3.72	3.65
1,628	1,662	874	879	53.7	52.9	34,456	36,438	3.63	3.63
640	594	496	433	77.4	73.0	2,659	2,746	3.47	3.52
183	186	103	107	56.4	57.5	2,066	2,091	3.65	3.68
17,410	15,532	2,854	2,824	16.4	18.2	2,184	1,990	3.71	3.69
1,366	1,472	740	750	54.2	50.9	6,239	7,183	3.65	3.66
3,547	3,517	1,927	1,872	54.3	53.2	1,985	2,056	3.68	3.69
1,415	883	1,086	655	76.7	74.2	4,344	4,538	3.58	3.58
1,971	2,070	795	822	40.3	39.7	7,230	7,184	3.59	3.62
878	770	419	446	47.7	57.9	2,513	2,518	3.62	3.64
612	632	493	507	80.6	80.3	2,694	2,540	3.58	3.60
1,976	1,994	1,189	1,215	60.2	60.9	2,212	2,369	3.69	3.68
3,084	3,047	887	857	27.1	28.1	2,265	2,248	3.64	3.64
1,178	1,131	829	822	70.4	72.7	1,908	1,888	3.63	3.65
227	239	153	162	67.5	67.9	25,167	21,081	3.59	3.60
5,899	6,222	3,131	3,155	53.1	50.7	2,934	3,123	3.65	3.67
903	1,014	737	804	81.6	79.3	2,197	2,262	3.55	3.58
1,877	1,851	618	620	32.9	33.5	2,697	2,657	3.67	3.68
5,114	5,309	2,810	2,746	55.0	51.7	2,865	3,013	3.69	3.71
593	714	348	378	58.8	53.0	33,485	39,179	3.56	3.63
894	951	623	646	69.8	68.0	2,180	2,288	3.59	3.61
11,126	11,075	4,485	4,477	40.3	40.4	2,299	2,384	3.66	3.66
2,555	2,809	1,453	1,561	56.9	55.6	2,168	2,247	3.64	3.66
5,701	5,811	2,039	2,065	35.8	35.5	8,501	9,097	3.68	3.71
223	223	173	175	77.7	78.6	1,853	1,924	3.73	3.76
1,028	1,035	933	938	90.7	90.7	21,832	24,248	3.49	3.50
2,181	2,047	1,110	1,108	50.9	54.1	2,438	2,466	3.66	3.69
4,689	4,674	1,982	1,988	42.3	42.5	2,622	2,742	3.66	3.64
1,005	890	155	161	15.5	18.1	9,369	9,264	3.64	3.66
3,642	3,825	1,518	1,525	41.7	39.9	2,754	2,674	3.61	3.63
999	786	822	648	82.4	82.4	15,463	14,218	3.50	3.49
1,212	1,060	898	836	74.0	78.9	2,191	2,177	3.60	3.62
5,882	5,945	3,126	3,202	53.2	53.9	6,805	6,971	3.57	3.60
855	1,017	732	858	85.6	84.4	14,644	16,953	3.50	3.49
7,731	8,240	1,537	1,574	19.9	19.1	2,178	2,169	3.67	3.68

²³ Zone I (Boston). Price at 201-210 mile zone: Class I and blend are 72 cents less. ²⁴ New marketing area that was formed during the period January 1, 1990-December 31, 1991. Effective December 1991, the Texas Panhandle, Lubbock-Plainview, and Texas Panhandle markets were merged to form New Mexico-West Texas. Data include figures for the Rio Grande Valley marketing area for January through November of both years and the weighted average of the data for the three merged markets for December 1990. ²⁵ Albuquerque, Santa Fe, and El Paso.

²⁶ Zone I (New Orleans). ²⁷ New York metropolitan area. Prices at 201-210 mile zone: Class I and blend 59 cents less. ²⁸ Zone 3 (Columbus). ²⁹ Zone 1 (Seattle and Portland). ³⁰ Miami. ³¹ Base zone (Alton). Price at Carbondale (Southern Zone) and St. Louis, 9 cents more. ³² Zone I, Detroit. Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents. ³³ Boise, Idaho. ³⁴ Zone I (Oklahoma City). ³⁵ Bristol, Chattanooga, and Knoxville. ³⁶ Zone I (Dallas). ³⁷ Jacksonville and Tallahassee. ³⁸ Zone I (Minneapolis).

Table 484.—Dairy products: Dec. 31 stocks, United States, 1977-91

Year	Butter ^{1 2}	Cheese ^{1 3}	Canned milk ⁴	Dry whole milk	Nonfat dry milk for human consumption ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1977.....	184,907	486,031	75,164	5,972	677,886
1978.....	206,930	457,261	70,300	4,383	585,091
1979.....	177,760	512,221	76,955	4,812	485,242
1980.....	304,646	690,730	53,009	5,268	586,770
1981.....	423,184	975,762	46,808	5,953	889,699
1982.....	466,822	1,064,224	52,878	6,024	1,281,967
1983.....	499,372	1,266,388	47,656	6,411	1,405,178
1984.....	309,849	1,061,881	41,952	5,434	1,247,633
1985.....	216,638	944,276	63,283	6,509	1,011,112
1986.....	251,789	789,100	50,553	6,692	686,841
1987.....	147,291	460,154	33,914	8,042	177,191
1988.....	214,992	397,706	45,816	12,779	53,077
1989.....	274,832	329,455	27,792	12,967	49,500
1990.....	416,518	457,977	58,818	11,193	161,931
1991.....	549,581	416,287	35,787	8,490	214,784

¹ Includes Government holdings. ² Includes butter equivalent of butteroil held by CCC. ³ Excludes cottage and full-skim American cheese. Includes process American cheese held by CCC. ⁴ Includes stock held by CCC.
Economic Research Service.

Table 485.—Fluid milk and cream: Total and per capita consumption, United States, 1977-91 ¹

Year	Consumption		Year	Consumption	
	Total	Per capita		Total	Per capita
	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Pounds</i>
1977.....	56.6	258	1985.....	57.3	241
1978.....	56.4	254	1986.....	57.8	240
1979.....	56.3	251	1987.....	57.8	239
1980.....	55.8	246	1988.....	57.4	235
1981.....	55.5	242	1989.....	58.4	236
1982.....	54.6	236	1990.....	58.2	233
1983.....	55.2	236	1991.....	58.6	233
1984.....	56.0	238			

¹ Sales of beverage, cream, and specialty fluid products plus farm household use.

Economic Research Service.

Table 486.—Dairy products: Total disappearance, and total and per capita consumption, United States, 1977-91¹

Year	Butter ¹			Cheese ²			Condensed and evaporated milk ³		
	Total disappearance	Consumption		Total disappearance	Consumption		Total disappearance	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1977	950	946	4.3	3,560	3,522	16.1	1,036	940	4.3
1978	974	969	4.4	3,791	3,747	16.9	1,019	901	4.1
1979	1,016	1,011	4.5	3,909	3,862	17.1	1,028	913	4.1
1980	1,020	1,017	4.5	4,037	3,993	17.5	969	857	3.8
1981	1,107	975	4.2	4,240	4,180	18.2	1,035	931	4.1
1982	1,222	1,010	4.4	4,720	4,622	19.9	1,030	926	4.0
1983	1,269	1,150	4.9	4,906	4,819	20.6	978	895	3.8
1984	1,296	1,163	4.9	5,184	5,077	21.5	968	881	3.7
1985	1,345	1,164	4.9	5,501	5,377	22.5	967	877	3.7
1986	1,171	1,114	4.6	5,660	5,564	23.1	954	878	3.6
1987	1,214	1,132	4.7	5,939	5,851	24.1	976	910	3.7
1988	1,144	1,102	4.5	5,886	5,810	23.7	927	857	3.5
1989	1,240	1,077	4.4	5,959	5,884	23.8	819	759	3.1
1990	1,165	1,093	4.4	6,231	6,169	24.7	829	772	3.1
1991	1,208	1,060	4.2	6,428	6,357	25.2	839	782	3.1

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Consumption		Total disappearance	Consumption		Total disappearance	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1977	3,887	3,887	17.5	72	34	.16	917	729	3.3
1978	3,914	3,914	17.4	77	56	.25	1,015	690	3.1
1979	3,893	3,893	17.1	85	66	.30	1,011	740	3.3
1980	3,984	3,984	17.5	82	63	.28	1,065	687	3.0
1981	3,996	3,996	17.4	104	83	.36	1,014	493	2.1
1982	4,090	4,090	17.6	102	84	.38	1,010	492	2.1
1983	4,231	4,231	18.1	111	94	.40	1,378	524	2.2
1984	4,293	4,293	18.2	122	98	.42	1,321	596	2.5
1985	4,327	4,327	18.1	118	106	.44	1,630	540	2.3
1986	4,435	4,435	18.4	122	113	.47	1,610	589	2.4
1987	4,456	4,456	18.3	145	133	.54	1,571	602	2.5
1988	4,234	4,234	17.3	167	143	.58	1,106	633	2.6
1989	3,990	3,990	16.1	176	134	.54	882	526	2.1
1990	3,953	3,953	15.8	177	156	.62	767	721	2.9
1991	4,141	4,141	16.4	110	86	.34	826	656	2.6

¹ Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, and exports, from the total supply. The per capita consumption for each year was obtained by dividing the total apparent consumption by the number of persons. ² Includes all kinds of cheese except cottage and full-skim American. ³ The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed), unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

Economic Research Service.

Table 487.—Dairy products: Average price per pound for specified products, 1968 and 1988-91

Item and market	1968	1988	1989	1990	1991
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score).....	0.6671	1.3412	1.2951	1.0346	1.0182
Grade A (92-score).....	.6668	1.3248	1.2793	1.0212	.9983
Butter, one-pound prints, wholesale selling prices, California cities:					
Grade AA (93-score).....	.7898	1.6097	1.5660	1.3050	1.2856
Butter, spot cash call prices, ¹ Chicago Mercantile Exchange:					
Grade AA (93-score):					
High.....	.6875	1.3700	1.3350	1.0775	1.0950
Low.....	.6575	1.3050	1.0775	.9725	.9725
Grade A (92-score):					
High.....	.6850	1.3600	1.3250	1.0725	1.0450
Low.....	.6575	1.3000	1.0725	.9625	.9625
Cheese, Cheddar, f.o.b. Wisconsin Assembly Points:					
Barrels.....		1.1832	1.3456	1.3092	1.1970
40-pound blocks.....	.4522	1.2380	1.3918	1.3669	1.2441
Cheese, prices ¹ National Cheese Exchange, Inc.: ²					
Cheddar barrels:					
High.....	.4200	1.2875	1.5050	1.5050	1.3375
Low.....	.4025	1.0900	1.1200	1.0525	1.0525
Cheddar, 40-pound blocks:					
High.....	.4400	1.3225	1.5450	1.4925	1.3550
Low.....	.4225	1.1400	1.1775	1.0875	1.0850
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade ³	⁴ .2075	.7969	1.0550	1.0058	.9400
Grade A.....		.8237	1.1006	1.0594	.9615
Whey Powder, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic).....		.1882	.1776	.1444	.1733
Used for animal feed (spray process).....		.1719	.1576	.1288	.1515

¹ Prices represent high and low for the year. ² Green Bay, Wisconsin. ³ Average for high and low heat processing. ⁴ Includes Grade A.
Agricultural Marketing Service.

Table 488.—Butter: Production in specified countries, 1989-91

Continent and country	1989	1990	1991 ¹	Continent and country	1989	1990	1991 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Eastern Europe:			
Canada.....	99	101	97	Czechoslovakia.....	156	157	150
Mexico.....	33	34	34	Hungary.....	38	38	29
United States.....	577	583	606	Poland.....	325	335	220
Total.....	709	718	737	Romania.....	46	42	41
				Yugoslavia.....	9	8	8
South America:				Total.....	574	580	448
Argentina.....	45	40	38	Soviet Union.....	1,726	1,730	1,565
Brazil.....	65	75	70				
Venezuela.....	2	3	3	Africa:			
Total.....	112	118	111	South Africa.....	16	20	18
Europe:							
Belgium and Luxembourg.....	89	91	85	Asia:			
Denmark.....	92	93	71	India.....	880	910	1,040
France.....	518	520	480	Japan.....	78	76	76
Germany ²	711	675	554	Total.....	958	986	1,116
Greece.....	6	6	7				
Ireland.....	156	151	151	Oceania:			
Italy.....	74	72	80	Australia ³	96	111	111
Netherlands.....	213	205	198	New Zealand ⁴	246	276	269
Portugal.....	12	13	17	Total.....	342	387	380
Spain.....	30	45	38				
United Kingdom.....	130	139	118	Grand total.....	6,707	6,797	6,393
Total.....	2,081	2,010	1,794				
Austria.....	41	40	42				
Finland.....	63	64	54				
Norway.....	26	29	26				
Sweden.....	70	77	65				
Switzerland.....	39	38	37				
Total.....	239	248	224				

¹ Preliminary.² Includes the former East Germany.³ Year ending June 30.⁴ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 489.—Cheese: Production in specified countries, 1982-91

Continent and country	1989	1990	1991 ¹	Continent and country	1989	1990	1991 ¹
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Other Western Europe—			
Canada.....	247	250	260	Con.....			
Mexico.....	373	384	395	Norway.....	76	76	76
United States.....	2,546	2,739	2,763	Sweden.....	109	109	107
Total.....	3,166	3,373	3,418	Switzerland.....	137	139	139
				Total.....	488	493	480
South America:				Eastern Europe:			
Argentina.....	260	275	280	Czechoslovakia.....	152	150	140
Brazil.....	220	200	220	Hungary.....	54	60	58
Venezuela.....	94	82	92	Poland.....	130	123	106
Total.....	574	557	592	Romania.....	82	87	97
				Yugoslavia.....	51	46	45
EC:				Total.....	469	466	446
Belgium and Luxem- bourg.....	38	39	41	Soviet Union.....	900	881	793
Denmark.....	275	293	285				
France.....	1,485	1,523	1,494	Africa:			
Germany ²	610	610	750	South Africa.....	48	48	46
Greece.....	210	200	210				
Ireland.....	74	72	73	Asia and Oceania:			
Italy.....	760	755	810	Japan.....	27	26	29
Netherlands.....	568	594	609	Australia ³	190	175	178
Portugal.....	55	56	49	New Zealand ⁴	128	122	125
Spain.....	123	128	140	Total.....	318	297	303
United Kingdom.....	280	307	312				
Total EC.....	4,478	4,577	4,773	World total.....	10,743	10,873	10,880
Other Western Europe:							
Austria.....	88	89	85				
Finland.....	78	80	73				

¹ Preliminary. ² Includes the former East Germany. ³ Year ending June 30. ⁴ Year ending May 31.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 490.—Dairy products: United States imports by type of product, 1977-91

Year	Dried milk ¹	Cheese				Butter ⁵	Casein
		Swiss ²	Cheddar ³	Other	Total		
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1977.....	881	33,978	4,246	56,760	94,984	337	65,429
1978.....	1,120	42,010	4,880	62,988	110,998	334	62,204
1979.....	989	34,169	4,653	73,820	112,642	357	68,415
1980.....	2,218	30,214	4,858	69,778	104,850	258	69,019
1981.....	1,248	29,990	4,750	77,600	112,340	810	57,981
1982.....	878	30,479	5,751	85,944	122,174	764	80,175
1983.....	1,136	31,045	5,781	93,014	129,840	768	72,428
1984.....	1,113	31,513	6,300	100,997	138,810	742	87,357
1985.....	1,316	31,627	5,778	99,811	137,216	852	87,321
1986.....	969	29,904	6,445	97,610	133,959	926	107,938
1987.....	1,301	26,665	4,494	88,824	119,982	905	108,136
1988.....	988	23,306	5,438	85,833	114,577	1,020	73,676
1989.....	1,196	26,495	5,737	94,369	126,601	2,038	81,794
1990.....	810	30,563	6,400	100,123	137,086	2,648	85,119
1991 ⁴	1,339	27,556	8,726	100,211	136,493	1,406	85,576

¹ Includes whole and skimmed milk.

² Includes Emmentaler with eye-formation.

³ Includes colby cheese.

⁴ Preliminary. ⁵ Includes butter oil.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 491.—Dairy products: United States imports by country of origin, 1989-91

Commodity and country of origin	1989	1990	1991 ¹	Commodity and country of origin	1989	1990	1991 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cheese, all types:				Cheese, cheddar: ²			
Canada.....	2,719	2,483	2,459	Canada.....	880	1,023	78
Argentina.....	5,031	6,193	4,478	Austria.....	0	0	0
Austria.....	7,543	7,156	5,271	Ireland.....	54	59	35
Belgium and Luxembourg.....	85	25	29	United Kingdom.....	236	245	472
Denmark.....	10,149	13,240	12,146	Australia.....	1,284	1,297	1,970
Finland.....	7,692	9,002	7,885	New Zealand.....	3,165	3,457	5,912
France.....	8,726	9,116	8,379	Other countries.....	118	319	259
Germany, Fed. Rep. of.....	2,578	2,725	2,083	Total.....	5,737	6,400	8,726
Iceland.....	180	224	322				
Ireland.....	935	1,293	1,937	Cheese, Swiss: ³			
Italy.....	18,755	20,497	24,230	Austria.....	5,967	5,842	4,026
Netherlands.....	10,376	12,208	11,036	Denmark.....	2,275	3,609	2,524
Norway.....	7,186	7,316	6,913	Finland.....	6,006	7,323	6,742
Portugal.....	1,152	578	517	France.....	610	1,034	1,085
Sweden.....	1,334	1,094	1,180	Germany, Fed. Rep. of.....	351	457	210
Switzerland.....	4,276	5,742	5,807	Iceland.....	0	0	0
United Kingdom.....	2,757	8,125	9,397	Netherlands.....	219	147	324
Israel.....	1,225	1,329	1,325	Norway.....	6,703	7,060	6,706
Czechoslovakia.....	130	165	319	Switzerland.....	2,082	3,343	3,627
Hungary.....	2,315	2,118	2,822	Other countries.....	2,283	1,748	2,312
Poland.....	2,460	1,872	2,233	Total.....	26,496	30,563	27,556
New Zealand.....	17,880	15,302	16,620				
Other countries.....	11,117	9,283	9,105				
Total.....	126,601	137,086	136,493				

¹ Preliminary. ² Includes colby cheese. ³ Includes Emmenthaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 492.—Dairy products: Exports by principal exporting countries, 1989-91

Commodity and country of destination	1989	1990	1991 ¹	Commodity and country of destination	1989	1990	1991 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Sweetened condensed milk:			
Belgium Luxembourg.....	133,000	124,000	128,000	United States.....	2,455	2,753	2,349
Denmark.....	55,000	50,000	49,000	Belgium/Luxembourg.....	n.a.	n.a.	n.a.
France.....	108,000	105,000	114,000	France.....	n.a.	n.a.	n.a.
Germany, Fed. Rep. of.....	107,000	40,000	191,000	Germany, Fed. Rep. of.....	n.a.	n.a.	n.a.
Ireland.....	156,000	73,000	119,000	Netherlands.....	n.a.	n.a.	n.a.
Netherlands.....	202,000	115,000	194,000	Total.....			n.a.
United Kingdom.....	65,000	54,000	39,000				
Australia ²	52,000	51,000	56,000	Milk, dried whole:			
New Zealand ³	236,000	227,000	227,000	United States.....	39,976	5,113	8,561
Total.....	1,114,000	839,000	1,125,000	Belgium/Luxembourg.....	117,000	101,000	106,000
				Denmark.....	92,000	108,000	107,000
Cheese: ⁴				France.....	354,000	350,000	425,000
Denmark.....	216,000	226,000	231,000	Germany, Fed. Rep. of.....	485,000	350,000	513,000
Finland.....	22,000	25,000	22,000	Ireland.....	160,000	106,000	109,000
France.....	320,000	341,000	327,000	Netherlands.....	416,000	327,000	272,000
Germany, Fed. Rep. of.....	266,000	290,000	272,000	United Kingdom.....	150,000	140,000	138,000
Ireland.....	61,000	62,000	62,000	Australia ²	110,000	140,000	169,000
Italy.....	70,000	75,000	89,000	New Zealand ³	334,000	313,000	403,000
Netherlands.....	420,000	435,000	473,000	Total.....	2,257,976	1,940,113	2,251,000
Switzerland.....	64,000	64,000	63,000				
Australia ²	59,000	50,000	63,000	Milk, nonfat dry milk:			
New Zealand ³	94,000	90,000	90,000	Canada.....	32,000	43,000	36,000
Total.....	1,592,000	1,658,000	1,978,000	United States.....	145,000	10,000	43,000
				Belgium/Luxembourg.....	85,000	66,000	65,000
Evaporated milk:				Denmark.....	4,000	33,000	12,000
United States.....	11,323	1,180	953	France.....	161,000	260,000	160,000
Denmark.....	n.a.	n.a.	n.a.	Germany, Fed. Rep. of.....	383,000	300,000	431,000
France.....	n.a.	n.a.	n.a.	Ireland.....	135,000	93,000	86,000
Germany, Fed. Rep. of.....	n.a.	n.a.	n.a.	Netherlands.....	167,000	112,000	74,000
Netherlands.....	n.a.	n.a.	n.a.	United Kingdom.....	81,000	80,000	71,000
United Kingdom.....	n.a.	n.a.	n.a.	Australia ²	74,000	93,000	126,000
Total.....			n.a.	New Zealand ³	178,000	160,000	172,000
				Total.....	1,445,000	1,250,000	1,423,000

¹ Preliminary. ² Year ending June 30. ³ Year ending May 31. ⁴ Excludes fresh cheese. n.a. not available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 493.—Dairy products: United States exports ¹ by country of destination, 1989-91

Commodity and country of destination	1989	1990	1991 ²	Commodity and country of destination	1989	1990	1991 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Cheese, all types:			
Bahamas.....	66	127	96	Australia.....	67	53	2,367
Canada.....	3	8	15	Bahamas.....	312	198	240
Dominican Rep.....	6	7	239	Barbados.....	41	13	.....
Egypt.....	0	0	1,905	Bermuda.....	307	297	457
Jamaica.....	15	12	2,325	Belize.....	68	79	124
Mexico.....	6,342	4,649	7,155	Canada.....	1,983	1,919	2,449
Mozambique.....	0	0	.....	Cayman Island.....	134	60	32
Poland.....	4,168	0	.....	Chile.....	2	18	7
Trust Territory of the Pacific Islands.....	0	0	.....	Colombia.....	100	143	45
Iraq.....	4,526	2,827	7,506	Dominican Rep.....	96	43	40
Other countries.....	12,016	44,819	3,613	Egypt.....	0	0	.....
Total ³.....	27,142	52,449	22,854	Haiti.....	193	144	39
				Hong Kong.....	136	177	185

See footnotes at end of table.

Table 493.—Dairy products: United States exports¹ by country of destination, 1989-91—Continued

Commodity and country of destination	1989	1990	1991 ²	Commodity and country of destination	1989	1990	1991 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cheese, all types—Con.				Burkina.....	0	0	1,323
Indonesia.....	60	196	37	Chad.....	0	0	.....
Jamaica.....	108	64	67	Chile.....	560	0	50
Japan.....	2,233	2,432	2,367	Egypt.....	0	0	.....
Korea.....	117	214	227	El Salvador.....	542	0	227
Leeward-Windward Is.....	49	55	59	Ethiopia.....	0	0	.....
Mexico.....	623	1,827	3,230	Guatemala.....	27	11	30
Mozambique.....	0	0	.....	Haiti.....	4	0	.....
Netherlands.....	3	66	40	India.....	0	0	.....
Netherland Antilles.....	170	186	200	Indonesia.....	1,768	0	400
Panama.....	413	245	134	Iraq.....	0	553	0
Peru.....	826	0	7	Jamaica.....	1,936	191	0
Poland.....	0	0	.....	Kenya.....	0	0	800
Saudi Arabia.....	50	196	157	Mauritania.....	0	0	.....
Singapore.....	103	237	136	Mexico.....	97,746	3,590	19,190
South Africa.....	82	50	58	Morocco.....	0	0	.....
Taiwan.....	132	59	87	Nigeria.....	0	16	15
Trinidad and Tobago.....	65	81	35	Pakistan.....	0	0	.....
Trust Territory of the Pacific Islands.....	0	2	0	Peru.....	20	0	33
Venezuela.....	19	2	40	Philippines.....	74	110	2,792
Other countries.....	1,619	2,829	5,229	Poland.....	0	0	.....
Total.....	10,111	11,885	12,110	Senegal.....	306	0	51
				Somalia.....	0	0	.....
Evaporated milk:				South Africa.....	0	0	.....
Bahamas.....	9	170	129	Spain.....	255	20	.....
Haiti.....	21	243	170	Sudan.....	0	0	.....
Mexico.....	9,760	214	221	Other countries.....	13,882	3,231	18,590
Nigeria.....	0	0	.....	Total ³	117,120	7,722	43,501
Trinidad—Tobago.....	0	0	.....			
Trust Territory of the Pacific Islands.....	0	0	.....	Infants dietary supplements, dry milk base:			
Other countries.....	1,533	553	433	Canada.....	309	445	504
Total.....	11,323	1,180	953	Dominican Republic.....	137	58	40
				Bermuda.....	89	165	49
Condensed milk:				Bahamas.....	113	193	155
Bahamas.....	6	334	0	Israel.....	2	0	0
Barbados.....	0	5	3	Mexico.....	21	1,548	44
Belize.....	0	174	.....	Panama.....	22	34	45
Bermuda.....	0	2	1	Poland.....	18	0	1
Hong Kong.....	6	7	0	Peru.....	0	2	1
Mexico.....	1,870	1,178	819	Taiwan.....	276	54	11,401
Netherlands Antilles.....	17	26	64	Hong Kong.....	1,150	203	869
Trust Territory of the Pacific Islands.....	0	0	.....	Malaysia.....	40	0	113
Other countries.....	556	1,027	1,462	Italy.....	1	0	11
Total.....	2,455	2,753	2,349	Spain.....	3	31	17
				Singapore.....	23	8	39
Milk, nonfat dry:				United Kingdom.....	9	0	7
Angola.....	0	0	.....	Australia.....	87	86	81
Austria.....	0	0	.....	El Salvador.....	20	3	4
Bolivia.....	0	0	.....	Soviet Union.....	0	176	31
Brazil.....	0	0	.....	Iraq.....	7	0	0
				Other countries.....	1,755	1,598	2,859
				Total ³	4,082	4,604	16,271

¹ Excludes exports for relief. ² Preliminary. ³ Totals may not add due to rounding.
 Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 494.—Dairy products: Price-support operations, United States, 1977-91

Marketing year ¹	Manufacturing milk			Butter- fat ³	Product purchase price per pound ⁴			Product purchases ⁸			
	Support level		Average price received by farmers per cwt.		Butter ⁵	Cheddar cheese ⁶	Nonfat milk, spray process ⁷	Quantity		Percentage of milk and cream marketed by farmer	
	At National Average Milkfat test, per cwt.	Per- centage of parity equiva- lent price ²		Milk- fat con- tent				Non- fat solids con- tent	Milk- fat con- tent	Non- fat solids con- tent	
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Per- cent</i>	<i>Per- cent</i>
1977-78	{ 9.00	82	9.30	⁹ 92.0	100.71	98.00	68.0	125	343	2.9	3.4
	{ ¹⁶ 9.43	86			106.71	103.25	71.0				
1978-79	{ 9.87	80	10.86	⁹ 102.0	111.30	106.0	73.75	44	202	1.0	2.0
	{ ¹¹ 10.76	87			121.80	116.0	79.0				
1979-80	{ 11.49	80	11.75	⁹ 119.0	131.33	124.0	84.0	301	679	6.7	6.3
	{ ¹² 12.36	86			140.58	132.5	89.5				
1980-81	{ 13.10	80	12.71		149.00	139.5	94.0	465	928	9.9	8.3
1981-82	{ 13.49	75	12.66		153.00	143.25	96.5	508	1,104	10.5	9.7
	{ ¹³ 13.10	73			149.00	139.50	94.0				
1982-83	{ 13.10	69	12.66		149.00	139.50	94.0	604	1,268	12.1	10.9
	{ 13.10	65	12.47		149.00	139.50	94.0	374	914	7.5	7.7
1983-84	{ ¹⁴ 12.60	62			143.25	134.75	91.0				
	{ 12.60	59	12.13		143.25	134.75	91.0	420	974	8.4	8.3
1984-85	{ ¹⁵ 12.10	57			143.25	128.75	84.75				
	{ ¹⁶ 11.60	54			139.75	124.00	80.75				
1985-86	{ 11.60	55	11.41		139.75	¹⁷ 125.00	80.75				
1986-87	{ ¹⁸ 11.60	54			139.75	125.00	80.75				
	{ 11.35	53	11.58	¹⁸ 137.75	¹⁸ 122.50	¹⁸ 78.75					
	{ 11.10	51			135.75	120.00	76.75				
1987-88	{ 10.60	49	11.03	¹⁹ 132.00	¹⁹ 115.25	¹⁹ 72.75					
	{ 10.60	47			132.00	115.25	72.75				
1988-89	{ 11.10	49			132.00	120.50	79.0				
	{ 10.60	47	11.93	²⁰ 120.50	115.50	79.0					
	{ 10.60	45			²¹ 120.50	²¹ 111.00	79.0				
1989-90	{ 10.10	43		²² 109.25	111.00	79.0					
	{ 10.10	42	13.28	²³ 98.25		²³ 85.0					
1990-91	{ 10.10	42	10.65	98.25	111.00	85.0					

¹ October 1-September 30. ² Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year. ³ The Agricultural Act of 1949, as amended, required that the price of butterfat be supported through March 31, 1970. This requirement was superseded by the Agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973. ⁴ Announced purchase prices for products in bulk containers. ⁵ Through March 31, 1985, indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. Effective April 1, 1985, single nationwide price. ⁶ U.S. Grade A or higher, standard moisture basis. ⁷ U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967. ⁸ Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program). Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966-67 marketing year and ending in the 1973-74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1968-69 marketing year and purchases of dry whole milk during 1971-72 through 1974-75. Purchases were also made in 1973-74 through 1975-76 marketing year under Section 4(a) of the Agriculture and Consumer Protection Act of 1973. ⁹ Calendar year. ¹⁰ Effective Apr. 1, 1978 (80 percent of parity as of that date). ¹¹ Effective Apr. 1, 1979 (78 percent of parity as of that date). ¹² Effective Apr. 1, 1980 (79 percent of parity as of that date). ¹³ Effective Oct. 21, 1981. ¹⁴ Effective Dec. 1, 1983. ¹⁵ Effective Apr. 1, 1985. ¹⁶ Effective July 1, 1985. ¹⁷ Effective Dec. 23, 1985. ¹⁸ Effective Dec. 28, 1983. ¹⁹ Effective Jan. 1, 1987. ²⁰ Effective Apr. 1, 1989. ²¹ Effective July 1, 1989. ²² Effective Jan. 1, 1990. ²³ Effective April 21, 1990.

Agricultural Stabilization and Conservation Service.

Table 495.—Dairy products: United States exports ¹ by type of product, 1977-91

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweet- ened)	Condensed (sweetened)	WMP-Whole dried	Nonfat dry milk
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1977.....	272	4,660	13,057	2,408	10,579	17,580
1978.....	270	4,775	14,967	1,819	5,877	49,840
1979.....	424	5,405	17,968	1,531	4,418	68,135
1980.....	391	5,715	17,435	2,037	3,474	101,060
1981.....	53,583	5,731	14,469	1,049	2,663	112,705
1982.....	62,682	17,959	8,355	167	2,604	126,416
1983.....	27,577	17,447	2,272	280	1,950	250,944
1984.....	44,178	16,731	3,290	377	1,041	268,875
1985.....	29,965	15,695	4,425	838	749	347,329
1986.....	6,165	12,434	2,287	2,622	1,317	365,962
1987.....	7,474	19,560	1,227	1,121	3,477	299,529
1988.....	6,804	13,602	1,010	2,467	8,394	218,356
1989.....	27,142	10,111	11,323	2,455	39,976	117,120
1990.....	52,449	11,885	1,180	2,753	5,113	7,722
1991 ²	22,854	12,110	953	2,349	8,561	43,501

¹ Excludes exports for relief and charity. ² Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 496.—Chickens: Number and value, United States, Dec. 1, 1977-91 ¹

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1977.....	117,645	169,032	47,653	46,191	5,997	386,518	1.69	651,851
1978.....	123,191	170,115	48,992	48,681	5,954	396,933	1.75	696,019
1979.....	120,140	174,793	50,186	49,048	6,418	400,585	1.81	726,365
1980.....	122,058	172,009	47,183	44,358	6,323	391,931	1.88	737,495
1981.....	128,946	164,840	42,400	42,298	6,836	385,338	1.89	728,460
1982.....	133,382	156,255	40,479	42,547	6,556	379,219	1.85	702,556
1983.....	132,674	145,843	37,747	42,331	6,285	364,880	1.96	716,700
1984.....	119,243	166,605	39,013	42,703	6,444	374,008	2.02	754,312
1985.....	130,623	149,146	37,649	44,512	6,618	368,548	1.90	700,150
1986.....	125,040	154,900	40,225	41,746	7,220	369,131	1.87	690,818
1987.....	124,743	161,021	41,028	44,457	6,478	377,727	1.87	706,131
1988.....	122,834	152,613	33,738	40,859	6,061	356,105	2.04	726,442
1989.....	118,336	152,728	35,768	43,414	5,988	356,234	2.16	770,822
1990.....	118,692	153,214	34,221	38,944	6,545	351,616	2.29	804,682
1991 ²	116,289	162,097	33,450	40,785	6,852	359,473	2.30	825,557

¹ Does not include commercial broilers. ² Preliminary.

National Agricultural Statistics Service.

Table 497.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1989–91

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
AL.....	3,795	3,700	3,350	5,800	5,845	6,485	9,595	9,545	9,835
AK.....	2	1	2	2	3	1	4	4	3
AZ.....	215	200	170	100	60	100	315	260	270
AR.....	6,566	5,637	5,908	9,029	9,718	9,947	15,595	15,355	15,855
CA.....	18,400	17,200	16,500	12,200	11,800	12,500	30,600	29,000	29,000
CO.....	1,100	2,002	2,360	2,026	1,385	1,376	3,126	3,387	3,736
CT.....	1,590	1,501	1,607	1,846	2,140	2,051	3,436	3,641	3,658
DE.....	247	105	189	479	538	613	726	643	802
FL.....	6,050	5,240	4,580	4,710	5,995	5,350	10,760	11,235	9,930
GA.....	8,355	5,431	6,339	9,649	12,578	12,092	18,004	18,009	18,431
HI.....	698	644	673	289	293	319	987	937	992
ID.....	425	485	445	305	305	360	730	790	805
IL.....	1,160	1,600	1,310	1,990	1,510	2,000	3,150	3,110	3,310
IN.....	4,350	8,170	8,050	16,476	12,341	12,555	20,826	20,511	20,605
IA.....	4,630	3,800	4,300	3,540	4,800	5,200	8,170	8,600	9,500
KS.....	950	1,000	820	775	630	620	1,725	1,630	1,440
KY.....	800	660	650	927	1,030	1,450	1,727	1,690	2,100
LA.....	550	620	470	660	650	575	1,210	1,270	1,045
ME.....	1,379	1,381	1,305	2,640	2,632	2,532	4,019	4,013	3,897
MD.....	1,262	618	940	2,338	2,194	2,543	3,600	2,812	3,483
MA.....	338	323	320	521	560	550	859	883	870
MI.....	2,000	2,000	1,800	3,600	3,500	3,600	5,600	5,500	5,400
MN.....	4,000	4,900	6,000	5,500	5,300	5,200	9,500	10,200	11,200
MS.....	2,671	2,828	2,566	2,882	3,255	3,423	5,553	6,083	5,979
MO.....	2,700	3,000	2,545	3,800	3,550	4,230	6,500	6,550	6,775
MT.....	271	244	198	399	336	432	670	580	630
NE.....	2,325	2,615	3,255	2,155	2,495	3,495	4,480	5,110	6,750
NV.....	8	9	6	5	2	4	13	11	10
NH.....	51	77	85	134	159	124	185	236	209
NJ.....	550	610	910	1,150	1,290	890	1,700	1,900	1,800
NM.....	715	670	750	472	533	404	1,187	1,203	1,154
NY.....	1,700	1,350	1,350	2,100	2,350	2,550	3,800	3,700	3,900
NC.....	5,600	6,500	4,465	7,830	6,215	8,415	13,430	12,715	12,880
ND.....	60	56	73	155	154	92	215	210	165
OH.....	8,400	8,800	6,200	8,400	8,900	12,100	16,800	17,700	18,300
OK.....	1,835	1,725	1,920	1,795	2,000	1,800	3,630	3,725	3,720
OR.....	1,680	1,465	1,550	980	1,100	920	2,660	2,565	2,470
PA.....	6,200	5,020	5,360	13,250	13,690	14,240	19,450	18,710	19,600
RI.....	62	73	74	136	152	120	198	225	194
SC.....	1,270	2,268	2,010	4,115	3,447	3,625	5,385	5,715	5,635
SD.....	430	720	1,270	1,130	1,480	1,250	1,560	2,200	2,520
TN.....	600	355	740	650	765	500	1,250	1,120	1,240
TX.....	5,450	5,575	5,200	8,400	8,425	8,300	13,850	14,000	13,500
UT.....	1,166	953	1,061	613	905	893	1,779	1,858	1,954
VT.....	43	31	28	90	82	74	133	113	102
VA.....	1,521	1,328	1,845	2,137	2,242	1,976	3,658	3,570	3,821
WA.....	2,885	2,591	2,718	1,844	2,372	2,139	4,729	4,963	4,857
WV.....	200	185	250	300	520	660	500	705	910
WI.....	1,075	2,420	1,775	2,400	985	1,420	3,475	3,405	3,195
WY.....	6	6	7	4	3	2	10	9	9
US.....	118,336	118,692	116,289	152,728	153,214	162,097	271,064	271,906	278,386

¹ Preliminary.

National Agricultural Statistics Service.

Table 498.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1989-91

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1989	1990	1991 ¹	1989	1990	1991 ¹	1989	1990	1991 ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
AL.....	2,045	2,398	2,000	2,275	1,998	2,365	830	859	900
AK.....	1	0	0	0	0	0	0	1	1
AZ.....	2	3	50	0	3	1	3	4	4
AR.....	3,138	2,400	3,308	3,200	3,817	3,668	1,034	1,222	1,368
CA.....	2,200	2,500	2,200	2,800	2,790	2,700	200	210	100
CO.....	193	297	384	297	618	480	43	70	40
CT.....	600	400	300	600	600	500	11	16	18
DE.....	181	185	219	95	166	168	67	69	101
FL.....	1,260	1,360	950	970	1,400	1,570	100	110	80
GA.....	3,478	2,222	2,385	3,838	2,480	3,205	960	955	1,025
HI.....	132	107	111	97	139	110	0	0	0
ID.....	183	160	155	188	161	180	9	9	10
IL.....	230	295	145	380	360	295	30	35	30
IN.....	2,700	2,320	2,040	3,590	2,619	3,205	34	50	50
IA.....	1,490	1,660	1,300	2,160	1,490	1,400	80	50	50
KS.....	125	158	110	275	162	220	15	10	10
KY.....	90	345	250	240	115	400	43	50	100
LA.....	335	300	335	345	370	380	110	120	90
ME.....	196	204	220	1,249	700	1,300	4	16	20
MD.....	390	546	430	461	447	479	84	76	93
MA.....	56	95	56	138	107	225	20	20	20
MI.....	650	465	900	730	720	490	20	15	10
MN.....	1,315	1,680	1,800	1,835	1,365	1,350	50	55	50
MS.....	1,320	1,256	1,408	1,538	1,688	1,836	395	426	486
MO.....	530	450	390	900	910	365	70	90	70
MT.....	92	77	71	124	100	76	4	3	3
NE.....	270	375	395	495	710	750	5	5	5
NV.....	2	1	1	1	1	1	1	1	1
NH.....	61	22	20	17	45	40	3	5	4
NJ.....	90	30	175	105	10	125	5	5	5
NM.....	114	75	107	106	147	100	3	5	4
NY.....	520	470	540	750	650	430	30	30	30
NC.....	2,750	3,250	2,175	2,700	2,700	3,550	740	800	700
ND.....	16	11	6	5	5	35	4	4	4
OH.....	2,200	1,200	700	2,800	2,100	700	20	20	30
OK.....	445	270	285	585	605	735	140	150	160
OR.....	350	385	225	120	175	285	20	15	30
PA.....	1,950	1,810	2,283	2,270	1,970	2,320	130	110	122
RI.....	2	2	2	6	2	65	0	0	0
SC.....	475	790	660	730	530	390	70	90	85
SD.....	72	134	145	195	64	12	3	2	3
TN.....	260	180	125	90	220	275	80	80	80
TX.....	1,425	1,370	1,600	2,135	1,390	2,100	340	440	500
UT.....	158	273	155	193	208	183	3	1	1
VT.....	6	14	28	11	11	2	2	2	1
VA.....	691	626	772	687	630	732	105	136	258
WA.....	548	579	648	537	855	711	12	32	19
WV.....	160	170	140	120	50	60	30	40	40
WI.....	270	300	745	430	540	215	25	30	40
WY.....	1	1	1	1	1	1	1	1	1
US.....	35,768	34,221	33,450	43,414	38,944	40,785	5,988	6,545	6,852

¹ Preliminary.

National Agricultural Statistics Service.

Table 499.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1989–91 ¹

State	Number			Value per head			Total value		
	1989	1990	1991 ²	1989	1990	1991 ²	1989	1990	1991 ²
	1,000 head	1,000 head	1,000 head	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	14,745	14,800	15,100	3.45	3.70	3.10	50,870	54,760	46,810
AK.....	5	5	4	4.50	4.60	4.30	23	23	17
AZ.....	320	270	325	2.40	2.60	1.90	768	702	618
AR.....	22,967	22,794	24,199	3.70	4.00	3.60	84,978	91,176	87,116
CA.....	35,800	34,500	34,000	1.95	1.80	1.90	69,810	62,100	64,600
CO.....	3,659	4,372	4,640	2.25	1.80	1.90	8,233	7,870	8,816
CT.....	4,647	4,657	4,476	2.15	1.90	2.30	9,991	8,848	10,295
DE.....	1,069	1,063	1,280	4.35	5.10	3.90	4,650	5,421	5,081
FL.....	13,090	14,105	12,530	1.75	1.70	1.80	22,908	23,979	22,554
GA.....	26,280	23,666	25,046	2.70	2.80	3.30	70,956	66,265	82,652
HI.....	1,216	1,183	1,213	2.40	2.40	2.40	2,918	2,839	2,911
ID.....	1,110	1,123	1,150	1.65	1.40	1.90	1,832	1,568	2,185
IL.....	3,790	3,800	3,780	1.55	1.50	1.60	5,875	5,700	6,048
IN.....	27,150	25,500	25,900	1.25	1.30	1.30	33,938	33,150	33,670
IA.....	11,900	11,800	12,250	1.45	1.60	1.30	17,255	18,880	18,375
KS.....	2,140	1,960	1,780	1.20	1.50	1.20	2,568	2,940	2,136
KY.....	2,100	2,200	2,850	1.70	2.10	1.90	3,570	4,620	5,415
LA.....	2,000	2,060	1,850	2.95	2.40	3.00	5,900	4,944	5,550
ME.....	5,468	4,933	5,377	1.90	2.20	2.20	10,389	10,853	11,829
MD.....	4,535	3,881	4,485	4.35	4.40	3.40	19,727	17,076	15,249
MA.....	1,073	1,105	1,171	1.75	1.80	2.20	1,878	1,989	2,576
MI.....	7,000	6,700	6,800	1.35	1.60	1.70	9,450	10,720	11,560
MN.....	12,700	13,300	14,400	1.65	1.80	1.30	20,955	23,940	18,720
MS.....	8,806	9,453	9,709	2.90	3.60	3.10	25,537	34,031	30,098
MO.....	8,000	8,000	7,600	1.55	1.70	1.80	12,400	13,600	13,680
MT.....	890	760	780	2.55	2.30	2.80	2,270	1,748	2,184
NE.....	5,250	6,200	7,900	2.20	2.70	2.10	11,550	16,740	16,590
NV.....	17	14	13	2.75	2.40	3.20	47	34	42
NH.....	266	308	273	2.25	1.90	2.30	599	585	628
NJ.....	1,900	1,945	2,105	2.55	2.30	2.00	4,845	4,474	4,210
NM.....	1,410	1,430	1,365	1.70	1.70	1.70	2,397	2,431	2,321
NY.....	5,100	4,850	4,900	1.95	2.00	1.80	9,945	9,700	8,820
NC.....	19,620	19,465	19,305	2.75	3.30	4.00	53,955	64,235	77,220
ND.....	240	230	210	2.10	2.10	2.30	504	483	483
OH.....	21,820	21,020	19,730	1.25	1.30	1.60	27,275	27,326	31,568
OK.....	4,800	4,750	4,900	2.85	3.40	3.10	13,680	16,150	15,190
OR.....	3,150	3,140	3,010	2.05	1.80	1.50	6,458	5,652	4,515
PA.....	23,800	22,600	24,325	1.75	1.60	1.90	41,650	36,160	46,218
RI.....	206	229	261	2.20	2.60	2.70	453	595	705
SC.....	6,660	7,125	6,770	1.95	1.70	1.60	12,987	12,113	10,832
SD.....	1,830	2,400	2,680	1.85	2.20	2.30	3,386	5,280	6,164
TN.....	1,680	1,600	1,720	1.45	3.00	3.40	2,436	4,800	5,848
TX.....	17,750	17,200	17,700	1.85	2.20	2.20	32,838	37,840	39,940
UT.....	2,133	2,340	2,293	1.60	1.90	1.60	3,413	4,446	3,669
VT.....	152	140	133	1.75	2.30	2.20	266	322	293
VA.....	5,141	4,962	5,583	3.60	4.00	3.40	18,508	19,848	18,982
WA.....	5,826	6,429	6,235	2.00	2.00	1.60	11,652	12,858	9,976
WV.....	810	965	1,150	4.55	4.00	2.80	3,686	3,860	3,220
WI.....	4,200	4,275	4,195	2.05	2.10	2.00	8,610	8,978	8,390
WY.....	13	12	12	2.95	2.50	3.20	38	30	38
US.....	356,234	351,616	359,473	2.16	2.29	2.30	770,822	804,682	825,557

¹ Excludes commercial broilers. ² Preliminary.
National Agricultural Statistics Service.

Table 500.—Total poultry meat: Production in specified countries, 1989-91

Continent and country	1989	1990	1991 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:			
Canada	659	701	708
Mexico	635	700	840
United States	10,106	18,878	11,204
Total	11,399	12,279	12,752
Central America:			
Guatemala	83	94	108
South America:			
Argentina	315	335	430
Brazil	2,139	2,416	2,691
Venezuela	253	225	313
Total	2,707	2,976	3,434
Europe:			
Belgium and Luxembourg	179	181	181
Denmark	128	131	137
France	1,550	1,651	1,759
Germany ²	603	599	574
Greece	154	160	160
Ireland	70	81	81
Italy	1,025	1,069	1,051
Netherlands	491	525	547
Portugal	207	213	234
Spain	831	836	875
United Kingdom	1,070	1,087	1,248
Total EC	6,298	6,512	6,847
Austria	75	78	83
Finland	31	33	37
Sweden	47	47	47
Switzerland	33	33	35
Total other Western Europe	186	191	202
Bulgaria	198	200	175
Czechoslovakia	216	211	215
Hungary	420	426	320
Poland	348	328	320
Romania	365	425	410
Yugoslavia	320	295	245
Total Eastern Europe	1,867	1,885	1,685
Soviet Union	3,300	3,300	3,097
Africa:			
Egypt	254	235	225
South Africa	552	563	558
Total Africa	806	798	783
Middle East:			
Israel	171	173	188
Kuwait	21	18	1
Saudi Arabia	240	265	275
Syria	85	90	90
Turkey	254	269	284
United Arab Emirates	14	14	14
Yemen	85	87	90
Total	870	916	942
India	289	334	362
China	2,840	3,229	3,952
Hong Kong	34	32	29
Japan	1,482	1,451	1,420
Korea, Republic of	158	175	324
Philippines	263	279	287
Singapore	58	56	58
Taiwan	462	476	480
Thailand	553	595	655
Other Asia	5,850	6,293	7,567
Australia	406	419	425
New Zealand	55	62	60
Oceania	461	481	485
Grand total	34,116	36,059	38,004

¹ Preliminary. ² Includes the former East Germany.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 501.—Chickens: Lost, sold, and value of sales, 1991 (preliminary) ¹

State	Number lost ²	Number sold	Pounds sold	Price per pound	Value of sales
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
AL.....	1,600	10,000	60,000	4.2	2,520
AK.....	2	5	25	(³)	(³)
AZ.....	36	119	476	3.0	14
AR.....	2,700	17,000	78,200	13.0	10,166
CA.....	3,500	18,800	75,200	3.1	2,331
CO.....	420	2,270	9,988	11.0	1,099
CT.....	410	2,301	11,505	4.0	460
DE.....	175	755	5,436	8.5	462
FL.....	1,600	8,200	41,820	9.0	3,764
GA.....	2,374	13,800	75,900	9.2	6,983
HI.....	120	315	1,103	15.6	172
ID.....	302	835	3,173	1.8	57
IL.....	300	1,600	9,600	2.5	240
IN.....	2,400	12,900	45,150	2.7	1,219
IA.....	1,300	5,700	25,650	2.9	744
KS.....	155	816	3,672	15.0	551
KY.....	250	1,650	5,445	5.0	272
LA.....	200	1,200	6,960	6.1	425
ME.....	239	3,567	17,835	4.0	713
MD.....	449	2,984	20,590	7.5	1,544
MA.....	53	722	3,610	4.0	144
MI.....	480	4,300	20,210	3.0	606
MN.....	1,400	5,500	19,800	3.2	634
MS.....	1,000	6,100	42,700	9.0	3,843
MO.....	940	4,000	16,800	5.0	840
MT.....	97	458	1,832	4.0	73
NE.....	744	1,535	5,526	4.1	227
NV.....	5	4	16	6.1	1
NH.....	18	319	1,595	4.0	64
NJ.....	190	1,500	5,400	8.0	432
NM.....	92	541	2,110	2.0	42
NY.....	700	3,850	15,785	3.6	568
NC.....	2,000	11,000	81,400	13.0	10,582
ND.....	100	175	700	2.3	16
OH.....	1,920	10,300	37,080	2.8	1,038
OK.....	600	3,000	17,700	13.0	2,301
OR.....	400	1,450	7,250	1.5	109
PA.....	2,600	13,700	63,020	8.1	5,105
RI.....	16	172	860	4.0	34
SC.....	650	4,100	20,500	7.5	1,538
SD.....	290	760	3,040	8.0	243
TN.....	145	1,030	4,635	12.4	575
TX.....	1,600	8,700	32,190	7.1	2,285
UT.....	195	1,095	4,380	2.0	88
VT.....	8	100	500	4.0	20
VA.....	338	2,653	10,612	14.5	1,539
WA.....	570	3,100	11,470	2.0	229
WV.....	83	531	2,814	14.9	419
WI.....	375	2,000	7,200	3.0	216
WY.....	5	6	27	5.0	1
US.....	36,146	197,518	938,490	7.2	67,548

¹ Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30 and excludes broilers. ² Includes death and other losses during the 12-month period.

National Agricultural Statistics Service.

Table 502.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1977-91 ¹

Year	Number				
	Raised	Lost ²	Produced ³	Consumed on production units	Sold
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1977.....	288,162	42,775	245,387	12,164	225,066
1978.....	283,066	41,371	241,695	11,420	219,860
1979 ⁴	293,260	42,545	250,715	11,207	235,856
1980.....	285,057	44,421	240,636	10,795	238,495
1981.....	282,953	40,468	242,485	10,502	238,576
1982.....	281,365	35,191	246,174	10,266	242,027
1983.....	272,551	40,835	231,716	9,345	236,710
1984.....	288,698	46,369	242,469	8,677	224,829
1985.....		37,552			220,395
1986.....		36,270			218,238
1987.....		36,639			217,688
1988.....		37,202			224,458
1989.....		35,975			199,032
1990.....		34,742			208,392
1991 ⁵		36,146			197,518

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1977.....	1,171,656	47,491	1,082,313	12.3	145,429	132,675	5,706	138,381
1978.....	1,136,231	44,606	1,050,474	12.4	141,840	130,048	5,476	135,524
1979 ⁴	1,216,156	43,802	1,147,638	13.9	170,593	160,088	6,084	166,172
1980.....	1,177,554	41,776	1,167,017	11.0	128,698	128,268	4,539	132,807
1981.....	1,214,886	41,443	1,187,255	11.1	135,282	132,271	4,508	136,779
1982.....	1,171,585	40,399	1,158,703	10.3	121,021	118,915	4,080	122,995
1983.....	1,137,215	36,820	1,158,551	12.7	145,327	147,454	4,670	152,124
1984.....	1,137,774	34,246	1,066,662	15.9	169,526	169,732	5,488	175,220
1985.....			1,025,146	14.8	151,682			
1986.....			1,025,716	12.5	127,730			
1987.....			1,018,400	11.0	111,827			
1988.....			1,038,817	9.2	95,294			
1989.....			926,525	14.9	138,421			
1990.....			972,373	9.3	90,311			
1991 ⁵			938,490	7.2	67,548			

¹ Excludes broiler production. ² Loss during year. ³ The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory. ⁴ Included are layers destroyed because of possible PCB contamination. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 503.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States 1989¹

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
		Thou- sands	Number	Thou- sands		Thou- sands	Number	Thou- sands
AL.....	51	86,466	617	9,822				
AZ.....			18	(²)				
AR.....	40	37,897	474	7,358	2	1,205	25	179
CA.....	2	(²)	14	105	7	(²)	125	796
CO.....	2	1	11	(³)	2	330	6	91
CT.....	5	1,856	180	344				
DE.....	3	11,361	24	86				
FL.....	34	14,328	158	2,215	2	170		
GA.....	33	66,752	590	7,842	1	400		
ID.....	2	1,158	3	96				
IL.....	88	1,385	306	227	1	400	4	48
IN.....	28	9,145	184	789	3	824	18	71
IA.....	27	4,977	104	386	2	295	5	21
KS.....	24	1,459	277	29	3	519	13	36
KY.....	6	1,424	16	102				
LA.....	2	8,279	167	852				
ME.....	2	790	98	213	1	(³)		
MD.....	17	28,101	491	524	2	33	3	(³)
MA.....	3	544	182	60			3	2
MI.....	3	1,795	11	71		846	4	50
MN.....	58	9,137	148	507	9	10,251	100	923
MS.....	81	33,748	367	4,389				
MO.....	17	5,097	304	120	5	4,020	74	435
MT.....	3	19	10	(³)				
NE.....	11	1,106	52	13			2	17
NH.....	1	1,200	44	84	1	58	3	1
NJ.....	14	64	28	21	1	62	3	(³)
NM.....	4	709	8	22	2	330		
NY.....	131	2,825	245	143				
NC.....	36	58,190	1,019	9,403	8	6,841	175	1,432
ND.....	2	96	4	4				
OH.....	10	2,495	256	435	3	2,718	48	375
OK.....	27	8,945	1,178	901	2	807		
OR.....	10	5,393	30	76	3	405	4	20
PA.....	30	16,921	127	843	2	120	2	(³)
RI.....			21	1	1	20	1	(³)
SC.....	8	5,863	92	749	1	1,572	15	90
SD.....	26	854	37	34	1	10		
TN.....	16	929	65	252				
TX.....	21	9,095	129	532	2	646	26	285
UT.....	1	500	2	10	2	810	3	40
VT.....			18	1				
VA.....	5	10,271	206	2,185	3	1,923	42	289
WA.....	5	2,059	31	130			4	28
WV.....	2	2,058	2	(³)	1	215	2	49
WI.....	37	3,414	45	263	3	976	23	134
US.....	939	451,031	8,393	51,438	77	37,420	733	5,413

¹ Year beginning July 1, 1989. ² Not reported. ³ Less than 1,000 birds.

Animal and Plant Health Inspection Service.

Table 504.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1977-91

Year	Production			Com- mercial storage at begin- ning of year	Exports	Com- mercial storage at end of year	Consumption	
	Com- mercial broilers	Other chickens	Total ¹				Total ^{1 3}	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1977.....	9,418	700	10,118	155	349	139	9,785	44.4
1978.....	10,129	665	10,794	139	361	102	10,469	47.0
1979.....	11,219	731	11,950	102	438	142	11,471	51.0
1980.....	11,353	756	12,109	142	620	137	11,494	50.5
1981.....	11,985	757	12,743	137	763	149	11,967	52.0
1982.....	12,167	744	12,912	149	525	135	12,401	53.3
1983.....	12,400	717	13,117	135	450	113	12,690	54.1
1984.....	13,016	671	13,687	113	433	139	13,227	56.0
1985.....	13,732	634	14,366	139	438	171	13,896	58.3
1986.....	14,323	631	14,954	171	583	187	14,356	59.7
1987.....	15,597	638	16,235	187	767	213	15,442	63.6
1988.....	16,187	633	16,820	213	791	193	16,049	65.5
1989.....	17,424	568	17,992	193	838	227	17,119	69.2
1990.....	18,660	588	19,248	227	1,168	250	18,057	72.2
1991 ²	19,850	571	20,421	250	1,289	311	19,071	75.6

¹ Totals may not add due to rounding. ² Preliminary. ³ Shipments to territories now included in total consumption.

Economic Research Service.

Table 505.—Chickens: Broiler production and value, United States, 1977-91 ¹

Year	Production		Price per pound ²	Value of production ³	Year	Production		Price per pound ²	Value of production ³
	Number	Weight				Number	Weight		
	Thou- sands	1,000 pounds	Cents	1,000 dollars		Thou- sands	1,000 pounds	Cents	1,000 dollars
1977.....	3,393,897	12,961,942	23.6	3,059,497	1985.....	4,469,578	18,809,938	30.1	5,668,272
1978.....	3,613,647	13,999,702	26.3	3,675,628	1986.....	4,648,520	19,661,110	34.5	6,784,088
1979.....	3,951,291	15,521,728	26.0	4,031,945	1987.....	5,003,560	21,523,356	28.7	6,177,127
1980.....	3,963,211	15,538,573	27.7	4,302,818	1988.....	5,237,901	22,464,480	33.1	7,435,105
1981.....	4,147,521	16,519,568	28.4	4,699,379	1989.....	5,516,521	23,978,816	36.6	8,777,668
1982.....	4,148,970	16,759,860	26.9	4,502,214	1990.....	5,864,150	25,630,960	32.6	8,365,470
1983.....	4,183,660	17,037,998	28.6	4,872,707	1991 ⁴	6,138,350	27,209,272	30.8	8,385,284
1984.....	4,283,020	17,861,023	33.7	6,020,066					

¹ Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

² Live weight equivalent price. ³ Includes value of consumption in households of producers, which is less than 1 percent of total production. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 506.—Chickens: Broiler production and gross income, by States, 1990 and 1991 ¹

State	1990				1991 ⁴			
	Production		Price per pound ²	Value of production ³	Production		Price per pound ²	Value of production ³
	Number	Weight			Number	Weight		
	Thou-sands	1,000 pounds	Cents	1,000 dollars	Thou-sands	1,000 pounds	Cents	1,000 dollars
AL.....	846,900	3,641,670	32.0	1,165,334	875,300	3,763,790	30.5	1,147,956
AR.....	951,300	3,995,460	34.5	1,378,434	980,200	4,214,860	32.5	1,369,830
CA.....	231,100	1,109,280	30.5	338,330	249,000	1,152,000	29.0	334,080
DE.....	231,700	1,158,500	35.0	405,475	236,500	1,206,150	32.5	391,999
FL.....	119,600	490,360	31.0	152,012	120,400	505,680	30.0	151,704
GA.....	854,500	3,759,800	31.0	1,165,538	867,300	3,816,120	29.5	1,125,755
HI.....	1,940	8,342	49.5	4,129	1,480	6,364	50.5	3,214
IA.....	9,450	63,315	32.0	20,261	14,100	91,650	30.0	27,495
KY.....	1,520	6,232	30.0	1,870	22,200	88,800	28.0	24,864
MD.....	265,400	1,141,220	35.0	399,427	268,800	1,182,720	32.5	384,384
MI.....	780	3,432	34.5	1,184	570	2,508	28.0	702
MN.....	41,300	198,240	32.0	63,437	47,300	236,500	30.0	70,950
MS.....	413,100	1,693,710	31.5	533,519	456,500	1,962,950	29.5	579,070
MO.....	88,200	361,620	34.0	122,951	114,000	478,800	32.5	155,610
NE.....	2,950	20,060	36.0	7,222	2,400	16,800	33.0	5,544
NY.....	2,400	11,040	33.0	3,643	2,000	9,000	31.5	2,835
NC.....	540,300	2,593,440	31.0	803,966	546,800	2,679,320	29.0	777,003
OH.....	20,600	96,820	27.0	26,141	27,400	128,780	23.5	30,263
OK.....	142,200	540,360	33.5	181,021	155,800	592,040	32.0	189,453
OR.....	22,700	106,690	32.0	34,141	22,300	107,040	32.0	34,253
PA.....	115,600	520,200	36.0	187,272	115,700	543,790	32.0	174,013
SC.....	83,600	342,760	31.5	107,969	96,300	394,830	29.5	116,475
TN.....	99,100	436,040	30.0	130,812	108,200	476,080	29.5	140,444
TX.....	338,100	1,453,830	35.0	508,841	340,200	1,496,880	34.0	508,939
VA.....	195,900	881,550	33.5	295,319	218,700	984,150	31.0	305,087
WA.....	33,300	156,510	32.5	50,866	34,600	166,080	32.5	53,976
WV.....	41,000	155,800	33.5	52,193	46,600	177,080	31.0	54,895
WI.....	14,000	61,600	31.5	19,404	14,600	65,700	29.5	19,382
Other States.....	155,610	623,079	32.9	204,759	162,100	662,810	30.9	205,109
Total.....	5,864,150	25,630,960	32.6	8,365,470	6,138,350	27,209,272	30.8	8,385,284

¹ Commercial broiler production including other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year. ² Live-weight equivalent price. ³ Value income including home consumption. ⁴ Preliminary.

National Agricultural Statistics Service.

Table 507.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1977-91

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production ¹
	Broiler-type	Egg-type	All		
	Thousands	Thousands	Thousands	Dollars	1,000 dollars
1977.....	3,636,672	501,913	4,138,585	15.80	612,591
1978.....	3,879,339	491,578	4,370,917	16.30	667,723
1979.....	4,197,758	518,963	4,716,711	16.80	749,572
1980.....	4,280,338	484,622	4,764,960	17.10	777,664
1981.....	4,416,641	454,175	4,870,816	18.10	843,926
1982.....	4,445,583	444,420	4,890,003	18.20	854,091
1983.....	4,446,999	406,935	4,853,934	18.30	851,142
1984.....	4,593,930	458,530	5,052,460	19.20	930,487
1985.....	4,802,156	406,837	5,208,993	18.80	939,116
1986.....	5,013,303	423,721	5,437,024	18.70	975,780
1987.....	5,379,228	427,785	5,807,013	19.80	1,105,993
1988.....	5,602,400	368,349	5,970,749	18.10	1,046,706
1989.....	5,946,948	382,906	6,329,854	18.60	1,143,388
1990.....	6,324,426	398,432	6,722,858	19.50	1,273,269
1991.....	6,613,343	417,205	7,030,548	19.20	1,306,966

¹ Excludes egg-type cockerels destroyed.

National Agricultural Statistics Service.

Table 508.—Chicks hatched by commercial hatcheries: Number and average price, by regions, 1990 and 1991

Region ¹	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1990	1991	1990	1991	1990	1991	1990	1991
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>
Appalachian	864,149	938,911	17.80	17.90	26,772	29,757	48.40	41.40
Corn Belt	142,454	163,452	37.80	37.60	n.a.			
Lake States	58,907	58,962	47.10	48.20	41,379	41,416	44.70	44.80
Northeast	710,630	720,062	19.30	18.70	67,512	75,038	46.20	45.30
Pacific	n.a.				42,956	44,313	53.80	54.90
Southeast	2,117,658	2,190,608	14.00	12.60	62,168	n.a.	62.80	66.70
US ²	6,324,426	6,613,343	18.50	18.10	398,492	417,205	50.80	51.20

¹ Northeast—New England, Delaware, Maryland, New Jersey, New York, Pennsylvania; Lake States—Michigan, Minnesota, Wisconsin; Corn Belt—Illinois, Indiana, Iowa, Missouri, Ohio; Appalachian—Kentucky, North Carolina, Tennessee, Virginia, West Virginia; Southeast—Alabama, Florida, Georgia, South Carolina; Pacific—California, Oregon, Washington. ² Includes other regions not published separately. n.a. not available.

National Agricultural Statistics Services.

Table 509.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1979-91

Year	Ratios ^{1 2}			Year	Ratios ^{1 2}		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1977	7.3	2.7	3.8	1985	6.2	3.0	4.5
1978	6.9	3.1	4.6	1986	7.0	3.7	4.1
1979	7.0	2.8	4.2	1987	6.5	3.2	3.2
1980	6.1	2.7	3.6	1988	5.3	3.1	3.0
1981	6.0	2.5	3.1	1989	5.8	3.0	2.9
1982	6.2	2.6	3.3	1990	7.1	3.0	3.2
1983	6.0	2.6	3.0	1991	6.9	3.0	3.3
1984	6.9	2.9	3.9				

¹ Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios. ² Ratio computed on a December through November marketing year rather than a calendar year.

National Agricultural Statistics Service.

Table 510.—Poultry and poultry products: Cold-storage holdings, end of month, United States, 1990-91

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry	
	1990	1991	1990	1991	1990	1991	1990	1991
	<i>1,000 cases</i>	<i>1,000 cases</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	22	17	14,174	14,771	268,365	302,509	504,867	585,572
February	16	9	15,175	13,969	276,285	342,219	519,292	630,440
March	23	14	16,781	14,087	317,899	370,000	568,893	663,256
April	20	12	17,292	12,953	354,943	408,462	621,296	707,580
May	21	15	17,393	13,511	405,601	453,414	667,157	745,539
June	22	13	18,064	14,241	481,293	503,057	752,459	814,439
July	29	13	17,089	18,085	541,669	571,286	799,946	891,756
August	19	10	17,130	16,320	593,134	625,845	846,147	949,518
September	18	13	16,556	16,466	623,630	667,216	855,015	1,008,104
October	11	16	16,794	16,728	625,116	653,039	861,840	990,535
November	16	12	17,163	15,124	338,399	305,526	582,341	644,191
December	15	21	14,749	16,262	306,416	264,132	562,234	579,211

National Agricultural Statistics Service.

Table 511.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1989-91

Class	Number inspected			Pounds inspected (live weight)		
	1989	1990	1991	1989	1990	1991
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	5,499,319	5,841,048	6,140,277	23,881,618	25,548,797	27,170,780
Mature chickens.....	181,763	181,104	173,377	860,480	853,151	818,612
Total chickens.....	5,681,082	6,022,152	6,313,654	24,742,098	26,401,948	27,989,392
Young turkeys.....	247,241	266,344	271,880	5,191,490	5,684,400	5,798,849
Old turkeys.....	2,130	2,160	2,385	50,807	52,895	60,594
Fryer-roaster turkeys.....	2,379	2,695	2,570	24,317	26,324	25,479
Total turkeys.....	251,750	271,199	276,835	5,266,614	5,763,619	5,884,922
Ducks.....	21,718	20,913	19,991	142,330	137,433	130,584
Other poultry.....				6,357	9,723	6,215
Total poultry.....				30,157,399	32,312,723	34,011,113

Class	Pounds certified (ready-to-cook)			Pounds condemned		
	1989	1990	1991	Ante-mortem (live weight)		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	17,334,190	18,553,863	19,727,657	85,590	85,590	95,071
Mature chickens.....	529,579	520,493	505,715	10,674	10,674	11,807
Total chickens.....	17,863,769	19,074,356	20,233,372	96,264	96,264	106,878
Young turkeys.....	4,117,421	4,499,783	4,585,629	18,240	18,365	19,826
Old turkeys.....	38,731	40,589	46,450	551	518	536
Fryer-roaster turkeys.....	18,722	20,529	19,837	64	61	94
Total turkeys.....	4,174,874	4,560,901	4,651,916	18,855	18,944	20,456
Ducks.....	101,091	97,263	93,598	186	210	166
Other poultry.....	3,698	6,300	3,574	26	29	36
Total poultry.....	22,143,432	23,738,820	24,982,459	115,331	114,398	127,535

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1989	1990	1991
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	396,082	396,304	254,698
Mature chickens.....	37,964	38,543	26,109
Total chickens.....	434,046	434,847	280,807
Young turkeys.....	102,167	103,574	44,594
Old turkeys.....	2,649	2,673	1,446
Fryer-roaster turkeys.....	408	314	160
Total turkeys.....	105,224	106,561	46,200
Ducks.....	1,731	1,652	1,478
Other poultry.....	88	86	30
Total poultry.....	541,089	543,146	328,515

National Agricultural Statistics Service.

Table 512.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1976-89

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors ¹		States reporting	Turkeys in tested flocks (first test)	Reactors	
			Number	Percent			Number	Percent
1976.....	47	28,846	90	0.0019	47	2,693,782	0	0.0000
1977.....	47	30,313	12	.0002	47	2,496,872	0	.0000
1978.....	47	33,506	1	.0000	47	2,984,142	0	.0000
1979.....	47	36,112	41	.0011	47	3,256,844	0	.0000
1980.....	47	35,767	97	.0032	47	3,172,056	0	.0000
1981.....	47	36,024	14	.0004	47	3,135,338	0	.0000
1982.....	47	36,565	344	.0127	47	2,846,709	0	.0000
1983.....	47	36,128	0	.0000	47	2,592,421	0	.0000
1984.....	47	33,811	1	.0000	47	2,974,904	0	.0000
1985.....	47	36,484	9	.0000	47	2,972,518	0	.0000
1986.....	47	37,324	187	.0005	47	3,917,589	0	.0000
1987.....	47	43,788	36	.0001	47	4,505,067	0	.0000
1988.....	47	46,924	44	.0001	47	5,243,118	0	.0000
1989.....	47	51,438	341	.0206	47	5,412,869	0	.0000

¹ Number of reacting birds and percent of birds tested. Testing year starting July 1, 1989.
Animal and Plant Health Inspection Service.

Table 513.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1977-91

Year	Production	Commercial storage at beginning of year	Exports	Commercial storage at end of year	Consumption	
					Total ^{1 3}	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1977.....	2,023	203	54	168	2,005	9.1
1978.....	2,098	168	51	175	2,040	9.2
1979.....	2,344	175	50	240	2,229	9.9
1980.....	2,432	240	75	198	2,399	10.5
1981.....	2,577	198	63	238	2,473	10.8
1982.....	2,522	238	51	204	2,505	10.8
1983.....	2,649	204	47	162	2,644	11.3
1984.....	2,684	162	27	125	2,697	11.4
1985.....	2,944	125	27	150	2,892	12.1
1986.....	3,276	150	27	178	3,221	13.4
1987.....	3,833	178	33	266	3,712	15.3
1988.....	3,960	266	31	250	3,926	15.0
1989.....	4,285	250	41	236	4,259	17.2
1990.....	4,734	236	54	306	4,610	18.4
1991 ²	4,830	306	103	264	4,768	18.9

¹ Totals may not add due to rounding. ² Preliminary. ³ Shipments to territories now included in consumption.

Economic Research Service.

Table 514.—Turkeys: Production, and value, United States, 1976–90

Year	Number raised ¹	Pounds (live weight) produced	Price per pound live weight	Value of production
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1977.....	136,390	2,562,825	35.5	910,396
1978.....	138,939	2,654,788	43.6	1,157,200
1979.....	156,457	2,957,612	41.1	1,214,357
1980.....	165,243	3,076,858	41.3	1,271,637
1981.....	170,875	3,264,463	38.2	1,247,803
1982.....	165,464	3,175,060	39.5	1,254,700
1983.....	170,723	3,335,519	38.0	1,269,051
1984.....	171,296	3,384,393	48.9	1,654,862
1985.....	185,427	3,703,994	49.1	1,819,526
1986.....	207,232	4,147,168	47.0	1,951,087
1987.....	240,438	4,894,858	34.8	1,703,137
1988.....	242,421	5,059,056	38.6	1,951,349
1989.....	261,280	5,465,453	40.9	2,234,422
1990.....	282,450	6,029,620	39.4	2,378,560
1991 ²	285,000	6,108,623	38.4	2,344,016

¹ Total poults hatched less death loss of poults and young turkeys during the year. ² Preliminary.
National Agricultural Statistics Service.

Table 515.—Turkeys: Production and value, by States, 1991

State	Number raised ¹	Pounds produced ²	Price per pound ³	Value of production
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
AR.....	24,000	489,600	38.0	186,048
CA.....	29,000	652,500	37.0	241,425
CT.....	25	458	86.0	393
GA.....	1,900	56,430	37.0	20,789
IL.....	3,120	64,272	42.0	26,994
IN.....	15,000	319,500	42.0	134,190
IA.....	8,700	226,200	40.0	90,480
KS.....	560	12,880	38.0	4,894
MD and DE.....	120	2,676	55.3	1,480
MA.....	140	3,136	103.0	3,230
MI.....	4,700	141,000	35.0	49,350
MN.....	44,000	805,200	36.0	289,872
MO.....	21,500	451,500	38.0	171,570
NE.....	2,130	36,423	38.0	13,841
NH.....	25	550	113.0	622
NJ.....	90	1,935	72.0	1,393
NY.....	490	11,858	37.0	4,387
NC.....	58,000	1,165,800	37.0	431,346
ND.....	1,300	23,790	36.0	8,564
OH.....	4,500	126,450	40.0	50,580
OR.....	2,350	42,300	35.0	14,805
PA.....	8,400	168,000	41.0	68,880
SC.....	6,000	178,200	37.0	65,934
SD.....	2,700	81,000	36.0	29,160
UT.....	4,050	90,315	50.0	45,158
VA.....	17,300	323,510	38.0	122,934
WV.....	4,100	76,670	38.0	29,135
Other States ⁴	20,800	556,470	42.5	236,471
US ⁵	285,000	6,108,623	38.4	2,344,016

¹ Based on turkeys placed Sept. 1, 1990 through Aug. 31, 1991. Excludes young turkeys lost. ² Includes home consumption. ³ Liveweight equivalent price. ⁴ CO, OK, TX, and WI combined to avoid disclosing individual operations. ⁵ May not add due to rounding.

National Agricultural Statistics Service.

Table 516.—Turkeys: Poultz placed by commercial hatcheries, by breeds, United States, 1977-91

Year	Total all heavy breeds ¹	Light breeds ²	Total all breeds
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1977 ³	136,029	12,354	148,383
1978 ³	148,838	8,689	157,527
1979 ³	166,014	13,955	179,969
1980 ³	171,842	16,824	188,666
1981 ³	176,939	10,395	187,334
1982 ³	176,769	7,472	184,241
1983	176,253	5,869	182,122
1984	(⁴)	(⁴)	184,238
1985	(⁴)	(⁴)	198,683
1986	(⁴)	(⁴)	225,380
1987	(⁴)	(⁴)	264,228
1988	(⁴)	(⁴)	261,406
1989	(⁴)	(⁴)	290,678
1990	(⁴)	(⁴)	304,863
1991	(⁴)	(⁴)	308,083

¹ Birds for which the normal mature marketing live weight is 12 pounds or over. ² Birds for which the normal mature marketing live weight is less than 12 pounds. ³ Poultz hatched prior to 1983. Poultz placed beginning in 1983 which excludes exported poultz. ⁴ Heavy breeds and light breeds not published.

National Agricultural Statistics Service.

Table 517.—Turkeys: Poultz placed by commercial hatcheries, U.S. and regions, 1990 and 1991

Month	United States			1991				
	1990	1991	1991 as percent of 1990	East North Central	West North Central	North and South Atlantic	South Central	West
	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
All breeds:								
Jan	25,179	25,830	103	2,962	6,828	9,082	3,144	3,814
Feb	24,609	25,347	103	2,961	7,141	8,291	3,103	3,851
Mar	27,699	25,784	93	3,423	7,438	8,021	3,128	3,774
Apr	28,787	28,893	100	3,426	8,948	8,760	3,254	4,505
May	29,124	29,862	103	3,505	9,468	8,923	3,299	4,667
June	29,276	28,156	96	3,496	8,820	8,821	3,016	4,003
July	29,000	28,804	99	3,471	8,580	9,448	3,099	4,206
Aug	25,281	25,625	101	3,104	7,260	8,881	2,623	3,757
Sept	19,743	21,200	107	3,058	5,233	8,397	1,861	2,651
Oct	21,517	21,955	102	3,071	5,941	8,404	1,990	2,549
Nov	21,871	22,231	102	3,051	5,862	7,710	2,809	2,799
Dec	22,777	24,396	107	3,029	6,215	8,865	3,220	3,067
Total	304,863	308,083	101	38,557	87,734	103,603	34,546	43,643

National Agricultural Statistics Service.

Table 518.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1990 and 1991 ¹

State	1990			1991		
	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
AL.....	9,514	232	2,206	9,549	229	2,186
AK.....	3	187	7	3	187	7
AZ.....	302	241	73	306	241	74
AR.....	15,597	232	3,620	15,977	234	3,737
CA.....	29,931	250	7,472	28,960	257	7,444
CO.....	3,142	250	788	3,473	251	873
CT.....	3,806	270	1,029	3,617	262	948
DE.....	742	226	168	667	245	164
FL.....	10,546	245	2,586	10,249	248	2,537
GA.....	17,562	245	4,302	17,976	239	4,301
HI.....	974	235	227.5	966	232	224.5
ID.....	731	255	187	777	261	203
IL.....	3,103	255	793	3,178	254	809
IN.....	20,719	263	5,445	19,846	267	5,290
IA.....	8,261	260	2,151	9,047	248	2,247
KS.....	1,681	240	404	1,481	262	389
KY.....	1,648	249	412	1,903	253	483
LA.....	1,245	219	273	1,135	223	254
ME.....	3,928	272	1,069	3,956	270	1,070
MD.....	3,429	258	885	3,496	256	898
MA.....	870	269	235	864	274	237
MI.....	5,332	264	1,406	5,283	264	1,396
MN.....	9,646	259	2,499	10,580	255	2,697
MS.....	5,979	240	1,434	6,167	238	1,468
MO.....	6,389	247	1,580	6,532	248	1,622
MT.....	658	261	172	626	261	164
NE.....	4,794	250	1,202	5,680	246	1,400
NV.....	12	172	2.2	10	175	1.8
NH.....	206	208	43	240	203	49
NJ.....	1,624	272	442	1,843	266	491
NM.....	1,171	241	283	1,165	259	302
NY.....	3,658	267	975	3,687	268	987
NC.....	13,041	233	3,033	13,091	233	3,045
ND.....	215	236	51	184	243	45
OH.....	17,676	264	4,667	17,633	263	4,637
OK.....	3,751	231	869	3,684	225	830
OR.....	2,523	258	652	2,610	262	686
PA.....	18,576	268	4,976	18,934	271	5,130
RI.....	197	268	53	182	274	50
SC.....	5,441	261	1,422	5,458	260	1,420
SD.....	1,672	260	435	2,292	262	602
TN.....	1,217	227	277	1,112	250	279
TX.....	13,813	240	3,317	13,922	241	3,356
UT.....	1,817	250	456	1,876	259	486
VT.....	116	266	31	109	275	30
VA.....	3,759	250	943	3,843	257	988
WA.....	4,856	265	1,287	4,855	270	1,313
WV.....	571	238	136	797	218	174
WI.....	3,437	264	910	3,310	263	873
WY.....	8	194	1.7	9	188	1.7
US ³	269,862	251	67,889	273,149	252	68,958

¹ Annual estimates cover the period Dec. 1, previous year through Nov. 30. ² Total egg production divided by average number of layers on hand. ³ Sum of States may not add to U.S. total due to rounding.

National Agricultural Statistics Service.

Table 519.—Eggs: Production in specified countries, 1989-91

Continent and country	1989	1990	1991 ¹	Continent and country	1989	1990	1991 ¹
	<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>		<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>
North America:				East Europe:			
Canada.....	5,719	5,661	5,666	Bulgaria.....	2,850	2,850	2,850
Mexico.....	17,950	18,040	19,840	Czechoslovakia.....	5,628	5,665	5,325
United States.....	67,174	67,919	69,094	Hungary.....	4,250	4,300	4,200
Total.....	90,843	91,620	94,600	Poland.....	8,200	7,649	6,500
				Romania.....	7,600	7,100	6,900
				Yugoslavia.....	4,700	4,566	4,420
South America:				Total.....	33,228	32,130	30,195
Argentina.....	3,350	3,900	4,550				
Brazil.....	12,174	13,454	13,655	Middle East:			
Venezuela.....	2,600	1,146	1,928	Israel.....	1,898	1,843	1,797
Total.....	18,124	18,500	20,133	Saudi Arabia.....	2,800	2,900	2,990
				Turkey.....	7,200	7,500	7,500
EC-12:				Total.....	11,898	12,243	12,087
Belgium and Luxembourg.....	2,724	2,941	3,134				
Denmark.....	1,410	1,409	1,435	Africa:			
France.....	15,050	14,629	15,300	Algeria.....	3,400	3,470	3,600
Germany ²	17,794	16,800	15,525	Egypt.....	3,000	3,200	2,900
Greece.....	2,507	2,566	21,514	South Africa.....	4,012	4,164	4,260
Ireland.....	640	640	640	Total.....	10,412	10,834	10,760
Italy.....	11,223	11,454	11,568				
Netherlands.....	10,660	10,799	10,762	Asia:			
Portugal.....	1,520	1,590	1,671	China.....	140,900	158,920	185,000
Spain.....	10,140	10,659	10,184	Hong Kong.....	34	34	33
United Kingdom.....	12,275	12,352	11,006	Japan.....	40,383	39,850	41,700
Total.....	85,943	85,839	83,739	Korea, Rep. of.....	6,919	7,145	7,770
				Taiwan.....	4,450	4,500	4,500
Other West Europe:				Total.....	192,686	210,449	239,003
Austria.....	1,695	1,644	1,691				
Finland.....	1,288	1,232	1,077	Soviet Union.....	84,600	82,000	79,235
Switzerland.....	693	635	628				
Total.....	3,676	3,531	3,396	Oceania:			
				Australia ³	3,286	3,468	3,540
				Total selected countries..	534,736	551,619	576,688

¹ Preliminary. ² Includes the former East Germany. ³ Year ending June 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 520.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1977-91

Year	Large	Year	Large	Year	Large
	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>
1977.....	63.27	1982.....	70.10	1987.....	61.60
1978.....	61.68	1983.....	75.16	1988.....	62.10
1979.....	68.15	1984.....	80.87	1989.....	81.91
1980.....	66.86	1985.....	64.97	1990.....	82.19
1981.....	73.21	1986.....	71.38	1991.....	77.52

Agricultural Marketing Service.

Table 521.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1977-91 ¹

Year	Hens and pullets, average number during year	Rate of lay per layer during year ²	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units	Value of production ³
			Total produced	Consumed on production units	Sold				
	Thousands	Number	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
1977	274,875	235	64,602	495	64,117	55.6	2,973,176	21,781	2,994,957
1978	281,544	239	67,157	468	66,689	52.2	2,901,020	19,768	2,920,788
1979 ⁴	288,623	240	59,209	454	68,755	58.3	3,338,438	21,434	3,359,872
1980	287,705	242	69,686	451	69,235	56.3	3,247,120	20,443	3,267,563
1981	287,774	243	69,825	441	69,384	63.1	3,648,406	22,737	3,671,143
1982	286,369	243	69,718	427	69,291	59.5	3,437,901	20,972	3,458,873
1983	276,263	247	68,169	415	67,754	61.1	3,448,613	20,755	3,469,368
1984	277,960	245	68,222	390	67,840	72.3	4,087,773	23,147	4,110,438
1985	277,592	247	68,645			57.2			3,262,260
1986	279,046	248	69,106			61.5			3,543,295
1987	283,872	248	70,356			54.7			3,209,397
1988	277,781	251	69,665			52.8			3,066,739
1989	271,064	250	67,236			68.9			3,861,469
1990	269,862	251	67,889			70.9			4,010,791
1991 ⁵	273,149	252	68,958			67.6			3,886,810

¹ Annual production, disposition, cash receipts, and gross income estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. ² Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year. ³ Value of sales plus value of eggs consumed in households of producers. ⁴ Included are layers and eggs destroyed because of possible PCB contamination. ⁵ Preliminary.

National Agricultural Statistics Service.

Table 522.—Eggs: Production and value, by States, 1991 (preliminary) ¹

State	Eggs produced	Price per dozen	Value of production	State	Eggs produced	Price per dozen	Value of production
	Millions	Cents	1,000 dollars		Millions	Cents	1,000 dollars
AL	2,186	91.4	166,500	NE	1,400	48.9	57,050
AK	0.7	149.0	87	NV	1.8	52.7	79
AZ	74	56.0	3,453	NH	49	104.0	4,247
AR	3,737	91.8	285,881	NJ	491	83.0	33,961
CA	7,444	58.4	362,275	NM	302	70.0	17,617
CO	873	73.0	53,108	NY	987	64.0	52,640
CT	948	104.0	82,160	NC	3,045	78.7	199,701
DE	164	113.0	15,443	ND	45	48.0	1,800
FL	2,537	57.2	120,930	OH	4,637	54.7	211,370
GA	4,301	80.8	289,601	OK	830	100.0	69,167
HI	224.5	85.5	15,996	OR	686	74.6	42,646
ID	203	72.9	12,332	PA	5,130	52.0	222,300
IL	809	70.5	47,529	RI	50	99.0	4,125
IN	5,290	60.1	264,941	SC	1,420	65.9	77,982
IA	2,247	53.0	99,243	SD	602	45.8	22,976
KS	889	47.8	15,495	TN	279	80.7	18,763
KY	483	73.5	29,584	TX	3,356	72.6	203,038
LA	254	115.0	24,342	UT	486	59.0	23,895
ME	1,070	97.0	86,492	VT	30	102.0	2,550
MD	898	75.4	56,424	VA	988	81.2	66,855
MA	237	102.0	20,145	WA	1,313	71.5	78,233
MI	1,396	53.8	62,587	WV	174	109.0	15,805
MN	2,697	54.0	121,365	WI	873	54.0	39,285
MS	1,468	86.7	106,063	WY	1.7	83.0	118
MO	1,622	51.5	69,611	US ²	68,958	67.6	3,886,810
MT	164	66.0	9,020				

¹ Estimates cover the 12-month period Dec. 1, previous year through Nov. 30. ² Sum of States may not add to U.S. total due to rounding.

National Agricultural Statistics Service.

Table 523.—Eggs: Supply, distribution, and per capita consumption, United States, 1977-91 ¹

Year	Total egg production	Storage at beginning of the year ¹	Imports ²	Exports ²	Eggs used for hatching	Consumption		
						Storage at end of the year ²	Total ⁴	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1977	5,408	21	14	67	427	24	4,925	268
1978	5,608	24	12	97	466	20	5,061	273
1979	5,777	20	10	78	498	19	5,213	278
1980	5,806	19	5	143	499	19	5,169	272
1981	5,825	19	5	234	507	18	5,090	266
1982	5,802	18	3	158	506	20	5,138	266
1983	5,659	20	23	86	500	9	5,108	262
1984	5,709	9	32	58	530	11	5,151	262
1985	5,710	11	13	71	548	11	5,104	257
1986	5,766	11	14	102	567	10	5,112	255
1987	5,868	10	6	111	599	14	5,160	255
1988	5,784	14	5	142	606	15	5,041	247
1989	5,598	15	25	92	643	11	4,892	237
1990	5,665	11	9	101	678	12	4,894	235
1991 ³	5,758	12	2	154	708	13	4,896	233

¹ Calendar years. ² Shell eggs and the approximate shell-egg equivalent of egg product. ³ Preliminary.⁴ Shipments to territories now included in total consumption.

Economic Research Service.

Table 524.—Eggs: Products under Federal inspection, United States, fiscal years 1990 and 1991

Item	Quantity		Item	Quantity	
	1990	1991		1990	1991
	1,000 dozen	1,000 dozen		1,000 dozen	1,000 dozen
Shell eggs broken.....	1,010,333	1,123,014	Liquid product produced for immediate consumption and processing: ³		
			Whole plain.....	356,229	419,974
Edible liquid from shell eggs broken:			Whole blends.....	155,869	200,151
Whole.....	660,976	741,290	White.....	268,847	304,051
White.....	389,572	430,215	Yolk plain.....	62,767	69,170
Yolk.....	216,468	232,898	Yolk blends.....	88,676	85,906
Total.....	1,267,016	1,404,403	Total.....	932,388	1,079,252
Inedible liquid from shell eggs broken.....	95,193	104,433	Frozen product produced: ³		
			Whole plain.....	170,352	165,628
Liquid egg used in processing: ¹			Whole blends.....	110,650	113,794
Whole.....	884,683	1,016,644	White.....	38,794	54,439
White.....	535,280	596,637	Yolk plain.....	4,504	5,669
Yolk.....	281,585	299,447	Yolk blends.....	59,553	67,125
Total.....	1,701,548	1,912,728	Total.....	383,853	406,655
Ingredients added in processing ² ..	53,497	60,669	Dried product produced: ³		
			Whole plain.....	20,144	21,960
			Whole blends.....	27,344	40,279
			White.....	28,768	29,817
			Yolk plain.....	17,902	22,397
			Yolk blends.....	10,870	11,102
			Total.....	105,028	125,555

¹ Includes all frozen eggs used for processing, excludes ingredients added. ² Includes all non-egg ingredients added. ³ Includes ingredients added.

National Agricultural Statistics Service.

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

- Economic trends, table 525.
- Farm property, table 526.
- Population and employment, table 539.
- Farm production and distribution, table 550.
- Price and income, table 560.
- Costs and expenses, table 572.

Table 525.—Economic trends: Data relating to agriculture, United States, 1977-91

Year	Prices paid by farmers		Prices received by farmers	Farm income			
	Total including interest, taxes, and wage rates	Production items		Gross farm income ¹	Production expenses	Net income	
						Current dollars	1987 dollars
	<i>Index numbers 1977 = 100</i>	<i>Index numbers 1977 = 100</i>	<i>Index numbers 1977 = 100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1977.....	100	100	100	108.8	88.9	19.9	35.6
1978.....	108	108	115	128.4	103.3	25.2	41.8
1979.....	123	125	132	150.7	123.3	27.4	41.9
1980.....	138	138	134	149.3	133.1	16.1	22.5
1981.....	150	148	139	166.3	139.4	26.9	34.1
1982.....	159	153	133	164.1	140.3	23.8	28.4
1983.....	161	152	135	153.9	139.6	14.2	16.3
1984.....	164	155	142	168.0	141.9	26.1	28.7
1985.....	162	151	128	161.2	132.4	28.8	30.5
1986.....	159	144	123	156.1	125.1	31.0	32.0
1987.....	162	148	127	168.5	128.8	39.7	39.7
1988.....	170	157	138	175.4	134.3	41.1	39.6
1989.....	178	165	147	191.1	141.2	49.9	46.0
1990.....	184	171	149	196.0	145.1	51.0	45.0
1991 ⁶	189	173	146	189.5	144.9	44.6	37.9

Year	National income ²	Disposable personal income ²	Industrial production ³	Consumer prices all items ⁴	Producer prices consumer foods ⁴
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 1977 = 100</i>	<i>Index numbers 1982-84 = 100</i>	<i>Index numbers 1982 = 100</i>
1977.....	1,617.8	1,329.3	78.2	(⁵)	(⁵)
1978.....	1,838.2	1,551.2	82.6	(⁵)	(⁵)
1979.....	2,047.3	1,729.3	85.7	(⁵)	(⁵)
1980.....	2,203.5	1,918.0	84.1	82.4	92.4
1981.....	2,443.5	2,127.6	85.7	90.9	97.8
1982.....	2,518.4	2,261.4	81.9	96.5	100.0
1983.....	2,719.5	2,428.1	84.9	99.6	101.0
1984.....	3,028.6	2,668.6	92.8	103.9	105.4
1985.....	3,234.0	2,838.7	94.4	107.6	104.6
1986.....	3,412.6	3,013.3	95.3	109.6	107.3
1987.....	3,660.3	3,194.7	100.0	113.6	109.5
1988.....	3,984.9	3,479.2	105.4	118.3	112.6
1989.....	4,223.3	3,725.5	108.1	124.0	118.7
1990 ⁶	4,418.4	3,946.1	109.2	130.7	124.4
1991.....	n.a.	n.a.	n.a.	n.a.	n.a.

¹ Includes cash receipts from marketings, government payments, nonmoney income (gross rental value and home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories. ² U.S. Department of Commerce. ³ Federal Reserve Board. ⁴ U.S. Department of Labor.

⁵ Data prior to 1980 available from U.S. Department of Labor. ⁶ Preliminary. n.a. = Not available.

Economic Research and National Agricultural Statistics Service.

Table 526.—Farms: Number, land in farms, and average size of farm, U.S., 1979-92

Year	Farms ¹	Land in farms	Average size of farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1979.....	2,437,300	1,042,015	428
1980.....	2,439,510	1,038,885	426
1981.....	2,439,920	1,034,190	424
1982.....	2,406,550	1,027,795	427
1983.....	2,378,620	1,023,425	430
1984.....	2,333,810	1,017,803	436
1985.....	2,292,530	1,012,073	441
1986.....	2,249,820	1,005,333	447
1987.....	2,212,960	998,923	451
1988.....	2,197,140	994,543	453
1989.....	2,170,520	991,153	457
1990.....	2,140,420	987,420	461
1991.....	2,105,060	982,766	467
1992 ²	2,095,740	980,063	468

¹ A farm is an establishment that as of June 1 sold or would normally have sold \$1,000 or more of agricultural products during the year. ² Preliminary.

National Agricultural Statistics Service.

Table 527.—Percent of farms, land in farms, and average size, by economic class, United States, June 1, 1991-92

Economic class gross value of sales	Percent of total				Average size of farms	
	Farms		Land		1991	1992 ¹
	1991	1992 ¹	1991	1992 ¹		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>	<i>Acres</i>
\$1,000-\$2,499.....	20.9	21.0	3.0	2.8	67	62
\$2,500-\$4,999.....	13.9	14.1	3.0	3.1	101	103
\$5,000-\$9,999.....	12.9	12.6	4.0	4.0	145	148
\$10,000-\$19,999.....	10.8	11.0	6.0	5.8	259	247
\$20,000-\$39,999.....	11.3	11.3	10.3	10.0	426	414
\$40,000-\$99,999.....	14.7	14.5	22.0	22.0	699	710
\$100,000-\$249,999.....	10.2	10.5	25.0	25.6	1,144	1,140
\$250,000-\$499,999.....	3.3	3.2	13.2	12.8	1,867	1,871
\$500,000+.....	2.0	1.8	13.5	13.9	3,151	3,611
Total.....	100.0	100.0	100.0	100.0	467	468

¹ Preliminary.

National Agricultural Statistics Service.

Table 528.—Farms: Number and land in farms, by States, 1991 and 1992

State	Farms ¹		Land in farms	
	1991	1992 ²	1991	1992 ²
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
AL.....	46,000	46,000	9,900	9,800
AK.....	560	540	980	960
AZ.....	8,000	8,000	36,000	36,000
AR.....	46,000	46,000	15,500	15,500
CA.....	83,000	81,000	30,300	29,800
CO.....	26,000	25,500	32,800	32,800
CT.....	3,900	3,900	420	410
DE.....	2,900	2,700	570	560
FL.....	40,000	39,000	10,500	10,500
GA.....	46,000	46,000	12,100	12,100
HI.....	4,600	4,500	1,710	1,710
ID.....	21,400	21,000	13,500	13,500
IL.....	82,000	81,000	28,500	28,500
IN.....	65,000	65,000	16,000	16,000
IA.....	102,000	102,000	33,500	33,400
KS.....	69,000	67,000	47,900	47,800
KY.....	91,000	91,000	14,100	14,100
LA.....	30,000	30,000	8,800	8,700
ME.....	7,100	7,100	1,420	1,420
MD.....	15,400	15,600	2,250	2,200
MA.....	6,900	6,900	680	680
MI.....	54,000	54,000	10,800	10,800
MN.....	88,000	88,000	30,000	29,800
MS.....	38,000	38,000	12,800	12,800
MO.....	107,000	107,000	30,400	30,300
MT.....	24,700	24,600	60,300	60,000
NE.....	56,000	56,000	47,100	47,100
NV.....	2,500	2,500	8,900	8,900
NH.....	2,900	2,900	480	470
NJ.....	8,300	8,500	880	880
NM.....	13,500	13,500	44,300	44,200
NY.....	38,000	38,000	8,300	8,200
NC.....	60,000	60,000	9,600	9,500
ND.....	33,000	33,000	40,400	40,400
OH.....	80,000	78,000	15,700	15,400
OK.....	70,000	71,000	33,000	34,000
OR.....	37,000	37,500	17,800	17,500
PA.....	53,000	52,000	8,100	8,000
RI.....	700	700	66	63
SC.....	24,500	24,500	5,200	5,200
SD.....	35,000	35,000	44,200	44,200
TN.....	87,000	88,000	12,400	12,600
TX.....	185,000	183,000	131,000	130,000
UT.....	13,300	13,200	11,300	11,300
VT.....	6,900	6,900	1,510	1,510
VA.....	45,000	44,000	8,800	8,700
WA.....	37,000	38,000	16,000	16,000
WV.....	20,000	20,000	3,700	3,700
WI.....	79,000	79,000	17,500	17,300
WY.....	9,000	9,200	34,800	34,800
US.....	2,105,060	2,095,740	982,766	980,063

¹ A farm is an establishment that as of June 1 sold or would normally have sold \$1,000 or more of agricultural products during the year. ² Preliminary.

National Agricultural Statistics Service.

Table 529.—Farms: Classification by tenure of operator, United States, 1900-1987

Year	Farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1900	5,739,657	55.8	7.9	1.0	35.3
1910	6,365,822	52.7	9.3	.9	37.0
1920	6,453,991	52.2	8.7	1.1	38.1
1925	6,371,640	52.0	8.7	.6	38.6
1930 ¹	6,295,103	46.3	10.4	.9	42.4
1935	6,812,350	47.1	10.1	.7	42.1
1940 ¹	6,102,417	50.6	10.1	.6	38.8
1945	5,859,169	56.4	11.3	.7	31.7
1950 ¹	5,388,437	57.4	15.3	.4	26.9
1954	4,783,021	57.4	18.2	.4	24.0
1959 ¹	3,710,503	57.1	21.9	.6	20.5
1964 ¹	3,157,857	57.6	24.8	.6	17.1
1969 ¹	2,730,250	62.5	24.6	.....	12.9
1974 ¹	2,314,013	61.5	27.2	.....	11.3
1978 ¹	2,257,775	57.5	30.2	.....	12.3
1982 ¹	2,240,976	59.2	29.3	.....	11.6
1987 ¹	2,087,759	59.3	29.2	.....	11.5

¹ Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 530.—Land in farms: Classification by tenure of operator, United States, 1900-1987

Year	Land in farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1900	841,201,546	51.4	14.9	10.4	23.3
1910	878,798,325	52.9	15.2	6.1	25.8
1920	958,676,612	48.3	18.4	5.7	27.7
1925	924,319,352	45.4	21.3	4.7	28.7
1930 ¹	990,111,984	37.6	24.9	6.4	31.0
1935	1,054,515,111	37.1	25.2	5.8	31.9
1940 ¹	1,065,113,774	35.9	28.2	6.5	29.4
1945	1,141,615,364	36.1	32.5	9.3	22.0
1950 ¹	1,161,419,720	36.1	36.4	9.2	18.3
1954	1,158,191,511	34.2	40.7	8.6	16.5
1959 ¹	1,123,507,574	31.0	44.0	9.8	14.8
1964 ¹	1,110,187,000	28.7	48.0	10.2	13.1
1969 ¹	1,062,892,501	35.3	51.8	.....	13.0
1974 ¹	1,017,030,357	35.3	52.6	.....	12.0
1978 ¹	1,014,777,234	32.7	55.3	.....	12.0
1982 ¹	986,796,579	34.7	53.8	.....	11.5
1987 ¹	964,470,625	32.9	53.9	.....	13.2

¹ Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 531.—Land utilization, by States, 1987

State	Cropland			Grassland pasture ²	Forest land ³	Special use areas ⁴	Other land	Total land area
	Used for crops ¹	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL.....	2,370	977	1,456	1,935	21,659	1,376	2,718	32,491
AK.....	31	40	6	1,209	88,643	142,520	132,884	365,333
AZ.....	1,056	351	140	41,504	17,257	9,849	2,488	72,645
AR.....	6,698	1,552	1,938	2,950	16,896	1,368	1,925	33,330
CA.....	8,689	1,460	1,338	21,833	36,441	14,769	15,501	100,031
CO.....	8,684	2,058	1,170	27,898	18,837	4,795	2,859	66,301
CT.....	152	15	40	47	1,776	311	777	3,118
DE.....	493	46	10	12	388	113	175	1,237
DC.....	0	0	0	0	0	0	40	40
FL.....	2,300	560	1,004	5,792	16,260	4,505	4,237	34,658
GA.....	3,747	1,539	1,145	1,895	23,402	1,625	3,803	37,156
HI.....	162	141	41	1,082	1,318	806	562	4,112
ID.....	5,102	1,045	816	19,943	17,767	5,278	2,793	52,744
IL.....	20,167	4,009	1,021	1,668	4,030	1,331	2,837	35,613
IN.....	10,711	2,133	747	1,326	4,296	966	2,767	22,996
IA.....	20,656	5,041	2,234	1,832	1,460	1,564	2,931	35,818
KS.....	26,780	4,078	3,485	13,255	1,207	1,703	1,830	52,338
KY.....	4,751	1,472	3,402	1,653	11,909	1,006	1,195	25,388
LA.....	3,934	1,145	829	2,070	13,873	1,318	5,325	28,494
ME.....	390	100	87	72	17,437	429	1,322	19,837
MD.....	1,427	198	189	215	2,462	654	1,151	6,296
MA.....	196	22	53	45	3,010	557	1,125	5,008
MI.....	6,403	1,459	519	1,731	17,597	2,488	6,254	36,451
MN.....	17,510	4,790	1,122	1,661	13,572	7,565	4,691	50,911
MO.....	4,941	1,607	1,244	2,287	16,674	880	2,596	30,229
MS.....	12,323	2,725	5,396	6,465	12,192	1,743	3,281	44,125
MT.....	15,321	1,651	1,292	47,139	18,709	6,145	2,791	93,048
NE.....	18,000	3,660	2,565	20,435	699	1,514	2,179	49,052
NH.....	583	60	209	45,735	7,383	7,517	8,845	70,332
NJ.....	107	9	31	50	4,803	263	493	5,756
NY.....	499	80	73	35	1,914	712	1,466	4,779
NM.....	1,217	665	557	51,818	17,127	3,647	2,623	77,654
NY.....	3,802	630	822	1,005	16,226	3,898	3,938	30,321
NC.....	4,070	1,148	783	1,210	18,401	2,118	3,530	31,260
ND.....	25,464	2,441	1,522	11,187	1,460	1,601	1,677	44,352
OH.....	9,689	1,742	942	1,502	7,141	1,184	4,043	26,243
OK.....	9,565	1,876	4,433	17,754	6,970	1,330	2,011	43,939
OR.....	3,695	831	858	22,913	26,278	3,568	3,415	61,558
PA.....	4,240	509	803	1,093	16,189	2,409	3,485	28,728
RI.....	21	3	5	3	391	59	193	675
SC.....	1,942	786	464	422	12,179	1,124	2,413	19,330
SD.....	17,022	2,207	2,389	22,261	1,552	1,521	1,657	48,609
TN.....	4,278	1,043	2,472	1,446	12,863	2,154	2,083	26,339
TX.....	19,548	6,734	10,181	104,656	13,536	4,681	8,355	167,691
UT.....	1,278	298	528	23,080	14,793	5,451	7,099	52,527
VT.....	438	29	188	200	4,424	422	234	5,935
VA.....	2,671	493	1,449	1,773	15,497	1,449	2,078	25,410
WA.....	6,675	1,111	579	7,235	17,857	6,637	2,473	42,567
WV.....	678	99	642	476	11,799	683	1,059	15,436
WI.....	8,251	1,177	1,162	2,079	15,058	2,150	4,956	34,833
WY.....	2,150	248	550	45,146	5,552	6,293	2,134	62,073
US.....	330,877	68,143	64,877	591,083	648,164	278,599	283,300	2,265,147

¹ Cropland harvested, crop failure, and cultivated summer fallow. ² Grassland and other nonforest pasture and range. ³ Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. ⁴ Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies. Estimates developed for years coinciding with a Census of Agriculture.

Table 532.—Land in farms: ¹ Irrigated land, by States, 1954-87

State	1954	1959	1964	1969	1974	1978 ²	1982	1987
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL.....	17	17	12	11	14	59	66	84
AK.....			(*)	1	1	1	1	2
AZ.....	1,177	1,152	1,125	1,178	1,153	1,196	1,098	914
AR.....	858	712	974	1,010	949	1,683	2,022	2,406
CA.....	7,048	7,396	7,599	7,240	7,749	8,506	8,461	7,596
CO.....	2,263	2,685	2,690	2,895	2,874	3,431	3,201	3,014
CT.....	12	5	14	9	7	7	7	7
DE.....	6	16	18	20	20	34	44	61
FL.....	428	414	1,217	1,365	1,559	1,980	1,585	1,623
GA.....	24	34	64	79	112	463	575	640
HI.....	(*)	141	144	146	142	159	146	149
ID.....	2,325	2,577	2,802	2,761	2,859	3,475	3,450	3,219
IL.....	7	10	14	51	54	130	166	208
IN.....	12	17	17	34	33	75	132	170
IA.....	2	18	22	21	39	101	91	92
KS.....	332	762	1,004	1,522	2,010	2,686	2,675	2,463
KY.....	13	9	14	20	11	14	23	38
LA.....	708	485	581	702	702	681	694	647
ME.....	1	2	4	6	6	7	6	6
MD.....	8	11	4	22	23	28	39	51
MA.....	23	20	24	19	17	17	20	20
MI.....	23	40	49	77	97	226	286	315
MN.....	9	15	18	36	78	272	315	354
MS.....	132	100	123	150	162	309	431	637
MO.....	33	30	59	156	150	320	403	535
MT.....	1,891	1,875	1,893	1,841	1,759	2,070	2,023	1,997
NE.....	1,171	2,078	2,169	2,857	3,967	5,683	6,039	5,682
NV.....	567	543	825	753	778	881	830	779
NH.....	1	1	3	2	2	2	1	3
NJ.....	59	74	96	72	89	77	83	91
NM.....	650	732	813	823	867	891	807	718
NY.....	59	58	79	55	55	56	52	51
NC.....	25	66	97	59	51	90	81	138
ND.....	38	48	51	63	71	141	163	168
OH.....	15	12	17	22	22	25	28	32
OK.....	108	198	302	524	515	602	492	478
OR.....	1,490	1,384	1,608	1,519	1,561	1,881	1,808	1,648
PA.....	18	17	23	19	18	15	18	30
RI.....	1	(*)	1	2	2	3	2	4
SC.....	22	25	19	15	10	32	81	81
SD.....	90	116	130	148	152	335	376	362
TN.....	23	11	11	12	10	13	18	38
TX.....	4,707	5,656	6,385	6,888	6,594	6,947	5,576	4,271
UT.....	1,073	1,062	1,092	1,025	970	1,169	1,082	1,161
VT.....	1	2	2	(*)	1	1	1	2
VA.....	22	31	51	37	28	42	43	79
WA.....	778	1,007	1,150	1,224	1,309	1,639	1,638	1,519
WV.....	1	1	2	3	2	1	1	3
WI.....	18	32	62	106	128	235	259	285
WY.....	1,263	1,470	1,571	1,523	1,460	1,662	1,565	1,518
US.....	29,552	33,164	37,057	39,122	41,243	50,350	49,002	46,386
PR.....	(*)	76	89	91	70	(*)	(*)	(*)
VI.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Total.....	29,552	33,240	37,145	39,213	41,313	50,350	49,002	46,386

¹ Data may not add because of rounding. ² Data for 1978 not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list. ³ Less than 500 acres. ⁴ Not available.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 533.—Farm real estate: Value of farmland and buildings, by States, 1988-92 ¹

State	Total value of land and buildings				
	Feb. 1, 1988	Feb. 1, 1989	Jan. 1, 1990	Jan. 1, 1991	Jan. 1, 1992
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
AL.....	8,480	8,713	8,474	7,752	8,153
AZ.....	10,184	9,864	9,468	10,260	10,879
AR.....	12,024	12,215	11,625	11,935	11,219
CA.....	49,770	51,864	52,483	54,146	53,469
CO.....	12,435	12,295	11,850	13,448	12,043
CT.....	1,835	1,943	1,855	1,781	1,695
DE.....	1,041	1,214	1,288	1,281	1,212
FL.....	20,585	21,134	22,727	22,397	21,648
GA.....	11,960	12,575	12,650	12,040	10,917
ID.....	7,836	8,152	9,056	8,897	9,272
IL.....	36,093	39,416	39,587	40,841	42,760
IN.....	18,991	20,402	20,277	20,400	20,843
IA.....	31,725	36,884	36,917	38,760	39,473
KS.....	19,783	20,837	22,130	22,369	23,179
KY.....	12,813	12,936	13,332	13,564	13,998
LA.....	8,554	8,681	8,144	7,964	7,961
ME.....	1,395	1,478	1,478	1,389	1,322
MD.....	5,313	5,663	5,445	4,941	5,073
MA.....	2,416	2,559	2,559	2,456	2,338
MI.....	10,584	10,616	10,854	11,718	11,937
MN.....	21,000	22,350	24,150	26,190	26,203
MS.....	9,410	9,483	9,464	9,651	9,441
MO.....	19,520	20,459	20,642	20,946	20,958
MT.....	12,444	12,665	14,399	14,653	15,202
NE.....	21,525	24,633	25,905	26,188	26,790
NV.....	2,020	2,083	1,727	1,949	2,057
NH.....	1,077	1,119	1,096	1,301	982
NJ.....	3,493	3,998	4,032	4,323	4,201
NM.....	8,010	8,500	8,722	10,189	10,582
NY.....	8,540	8,602	8,182	8,557	8,723
NC.....	13,009	13,170	12,251	11,933	12,136
ND.....	12,951	13,203	13,770	14,867	14,477
OH.....	18,704	19,813	18,903	19,107	19,616
OK.....	15,840	17,193	16,401	16,038	16,296
OR.....	9,648	9,523	10,164	10,377	10,737
PA.....	13,106	15,367	14,637	14,232	14,744
RI.....	347	367	352	319	303
SC.....	4,616	4,977	4,727	4,835	4,747
SD.....	11,917	12,870	14,543	15,514	16,113
TN.....	12,613	12,625	12,350	12,251	12,219
TX.....	71,808	67,980	65,340	63,011	61,066
UT.....	4,803	4,747	4,396	4,554	4,801
VT.....	1,708	1,797	1,797	1,724	1,642
VA.....	10,902	11,997	13,492	11,396	11,998
WA.....	11,824	12,112	12,464	12,768	12,672
WV.....	2,523	2,599	2,268	2,313	2,559
WI.....	14,620	14,890	14,133	14,923	15,221
WY.....	5,116	4,942	5,185	5,324	4,819
48 States	626,909	653,511	658,187	667,504	670,798

¹ Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms. Revised values for 1990-91.

Economic Research Service.

Table 534.—Land utilization, United States, selected years, 1930-87

Major land uses	1930	1940	1950	1959	1969	1978	1982	1987
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres
Cropland used for crops ¹	382	368	377	359	333	369	383	331
Idle cropland	31	31	32	33	51	26	21	68
Cropland used only for pas- ture	67	68	69	66	88	76	65	65
Grassland pasture ²	652	650	631	633	604	587	597	591
Forest land ³	601	608	601	728	723	703	655	648
Special uses ⁴				147	174			
Other land	171	179	194	305	291	503	544	562
Total land area ⁵	1,904	1,904	1,904	2,271	2,264	2,264	2,265	2,265

¹ Cropland harvested, crop failure, and cultivated summer fallow. ² Grassland and other nonforest pasture and range. ³ Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. ⁴ Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes. ⁵ Remeasurement and increases in reservoirs account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economic Research Service. Estimates based on reports and records of the U.S. Department of Agriculture and Commerce, and public land administering and conservation agencies.

Table 535.—Farm real estate: Average value per acre of land and buildings, by State, Mar. 1, 1970, Feb. 1, 1989 and Jan. 1, 1990-92 ¹

State	Mar. 1, 1970	Feb. 1, 1989	Jan. 1, 1990	Jan. 1, 1991	Jan. 1, 1992	State	Mar. 1, 1970	Feb. 1, 1989	Jan. 1, 1990	Jan. 1, 1991	Jan. 1, 1992
	Dol.	Dol.	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.	Dol.	Dol.
AL	200	822	839	791	832	NV	53	234	194	219	231
AZ	70	274	263	285	302	NH	239	2,237	2,237	2,148	2,045
AR	260	778	750	770	724	NJ	1,092	4,543	4,634	4,912	4,774
CA	479	1,657	1,704	1,787	1,765	NM	42	191	196	230	239
CO	95	367	358	410	387	NY	273	1,024	974	1,031	1,051
CT	921	4,417	4,417	4,240	4,036	NC	333	1,317	1,263	1,243	1,264
DE	499	2,058	2,259	2,248	2,126	ND	94	326	340	368	358
FL	355	1,887	2,085	2,133	2,062	OH	399	1,262	1,204	1,217	1,249
GA	234	998	1,012	995	902	OK	173	521	497	486	494
ID	177	595	661	659	687	OR	150	535	571	583	603
IL	490	1,383	1,389	1,433	1,500	PA	373	1,874	1,807	1,757	1,820
IN	406	1,244	1,244	1,275	1,303	RI	734	5,028	5,028	4,827	4,595
IA	392	1,101	1,102	1,157	1,178	SC	261	939	909	948	931
KS	159	435	462	467	484	SD	84	291	328	351	365
KY	253	911	981	962	993	TN	268	1,002	996	988	985
LA	321	954	915	905	905	TX	148	515	495	481	466
ME	161	1,019	1,019	978	931	UT	92	421	389	403	425
MD	640	2,462	2,420	2,196	2,255	VT	224	1,190	1,190	1,142	1,087
MA	565	3,763	3,763	3,612	3,439	VA	286	1,333	1,516	1,295	1,363
MI	326	983	1,005	1,085	1,105	WA	224	757	779	798	792
MN	226	745	805	873	873	WV	136	702	613	625	719
MS	234	713	728	754	738	WI	232	846	803	853	870
MO	224	673	679	689	689	WY	41	142	149	153	138
MT	60	209	238	243	252						
NE	154	523	550	556	569	48 States...	196	661	668	681	685

Economic Research Service.

Table 536.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1976-83

Item	1976 ¹	1977	1978	1979	1980	1981	1982	1983
ASSETS								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate	456.5	509.3	601.8	706.1	782.8	785.6	750.0	753.4
Non-real estate:								
Livestock ²	29.0	31.9	50.1	61.4	60.6	53.5	53.0	49.5
Machinery and motor vehicles	63.3	69.3	68.5	75.4	80.3	85.5	86.0	85.8
Crops stored on and off farms ³	20.6	20.6	23.9	30.0	32.8	30.0	26.4	24.4
Purchased inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Financial assets:								
Investments in cooperatives	14.3	13.5	16.1	18.1	19.3	20.6	21.9	22.8
Other ⁴	6.9	7.0	7.1	7.3	7.4	7.6	7.8	8.1
Total ⁵	590.8	651.7	767.5	898.2	983.3	982.8	945.1	944.0
CLAIMS								
Liabilities:								
Real estate debt	50.5	58.4	66.7	79.7	89.7	98.8	101.8	103.2
Non-real estate debt to—								
Reporting institutions ⁶	35.8	40.4	46.7	55.5	59.8	65.2	67.9	69.3
Nonreporting creditors ⁷	9.8	12.0	14.0	16.3	17.4	18.4	19.1	18.6
Total liabilities ⁵	96.1	110.9	127.4	151.6	166.8	182.4	188.8	191.1
Proprietors' equity	494.7	540.8	640.1	746.7	816.5	800.4	756.3	752.9
Total ⁵	590.8	651.7	767.5	898.2	983.3	982.8	945.1	944.0

Item	1984	1985	1986	1987	1988	1989	1990	1991 ⁸
ASSETS								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate	661.7	586.2	542.3	578.9	595.5	615.5	627.5	623.4
Non-real estate:								
Livestock ²	49.5	46.3	47.8	58.0	62.2	66.2	70.9	68.4
Machinery and motor vehicles	85.0	82.9	81.5	80.0	81.0	84.5	84.3	83.7
Crops stored on and off farms ³	26.3	22.9	16.3	17.5	23.3	23.4	22.8	23.6
Purchased inputs	2.0	1.2	2.1	3.2	3.5	2.6	2.8	2.5
Financial assets:								
Investments in cooperatives	24.3	24.3	24.5	25.2	25.0	26.4	27.5	28.3
Other ⁴	8.3	9.0	10.0	9.9	10.4	10.4	10.8	12.0
Total ⁵	857.1	772.7	724.4	772.6	800.9	828.9	846.5	841.8
CLAIMS								
Liabilities:								
Real estate debt	106.7	100.1	90.4	82.4	77.6	75.4	73.7	74.1
Non-real estate debt to—								
Reporting institutions ⁶	69.5	62.5	54.4	51.1	50.0	49.6	50.3	51.4
Nonreporting creditors ⁷	17.6	15.1	12.1	10.9	11.8	12.2	12.7	13.0
Total liabilities ⁵	193.8	177.7	157.0	144.4	139.4	137.2	136.8	138.4
Proprietors' equity	663.3	595.0	567.5	628.2	661.6	691.8	709.8	703.4
Total ⁵	857.1	772.7	724.4	772.6	800.9	828.9	846.5	841.8

¹ Beginning with 1976, data are for farms included in new farm definition, that is assets and debts on places with sales less than \$1,000 annually are excluded. ² Horses and mules are excluded. ³ Excludes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for OCC loans. ⁴ Includes farm share of currency and demand deposits. ⁵ Total of rounded data. ⁶ Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies. ⁷ Loans and credits extended by dealers, merchants, finance companies, individuals, and others. ⁸ Preliminary. n.a. not available.

Economic Research Service.

Table 537.—Farm assets and claims: Comparative balance sheet of the farming sector, including farm households, United States, Dec. 31, 1976-83

Item	1976 ¹	1977	1978	1979	1980	1981	1982	1983
ASSETS								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate	499.8	558.5	656.0	767.8	850.1	851.7	819.1	829.3
Non-real estate:								
Livestock ²	29.0	31.9	50.1	61.4	60.6	53.5	53.0	49.5
Machinery and motor vehicles	70.1	76.4	76.4	82.9	86.9	92.5	92.6	92.1
Crops stored on and off farms ³	20.6	20.6	23.9	30.0	32.8	30.0	26.4	24.4
Purchased inputs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Household furnishings and equipment	15.2	17.2	20.0	21.5	19.4	20.8	23.0	24.4
Financial assets:								
Investments in cooperatives	14.3	13.5	16.1	18.1	19.3	20.6	21.9	22.8
Other ⁴	18.7	19.0	19.7	19.9	20.0	20.3	20.9	21.8
Total ⁵	667.8	735.2	862.1	1,001.6	1,089.2	1,089.4	1,056.8	1,064.3
CLAIMS								
Liabilities:								
Real estate debt ⁶	55.4	63.9	72.8	86.8	97.5	107.2	111.3	113.7
Non-real estate debt to—								
Reporting institutions ⁷	37.8	42.8	49.5	59.1	63.5	69.4	72.3	73.9
Nonreporting creditors ⁸	10.0	12.2	14.3	16.6	17.7	18.8	19.5	18.9
Total liabilities ⁵	103.2	118.9	136.6	162.5	178.7	195.4	203.1	206.5
Proprietors' equity	564.6	616.2	725.5	839.2	910.5	894.0	853.7	857.9
Total ⁵	667.8	735.2	862.1	1,001.6	1,089.2	1,089.4	1,056.8	1,064.3
ASSETS								
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate	735.0	657.0	613.0	658.6	682.2	703.9	711.4	705.6
Non-real estate:								
Livestock ²	49.5	46.3	47.8	58.0	62.2	66.2	70.9	68.4
Machinery and motor vehicles	91.1	88.3	86.1	84.5	86.1	89.2	88.6	88.0
Crops stored on and off farms ³	26.3	22.9	16.3	17.5	23.3	23.4	22.8	23.6
Purchased inputs	2.0	1.2	2.1	3.2	3.5	2.6	2.8	2.5
Household furnishings and equipment	24.3	27.8	28.7	32.9	37.0	42.2	46.3	50.4
Financial assets:								
Investments in cooperatives	24.3	24.3	24.4	25.3	25.0	26.4	27.5	28.3
Other ⁴	23.4	25.0	29.4	31.4	32.2	31.9	33.3	37.3
Total ⁵	975.9	892.8	847.7	911.3	951.5	985.8	1,003.5	1,004.1
CLAIMS								
Liabilities:								
Real estate debt ⁶	112.3	105.7	95.9	87.7	83.0	80.5	78.4	79.1
Non-real estate debt to—								
Reporting institutions ⁷	74.0	66.8	58.4	54.9	53.5	53.0	53.6	54.6
Nonreporting creditors ⁸	18.0	15.4	12.4	11.1	12.0	12.5	13.0	13.3
Total liabilities ⁵	204.3	187.9	166.6	153.7	148.5	146.0	145.0	147.0
Proprietors' equity	771.5	704.9	681.1	757.6	802.9	839.8	858.5	857.1
Total ⁵	975.9	892.8	847.7	911.3	951.5	985.8	1,003.5	1,004.1

¹ Beginning with 1976, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded. ² Horses and mules are excluded. ³ Does not include crops under loan to Commodity Credit Corporation. ⁴ Includes currency, demand and savings deposits, and U.S. savings bonds. ⁵ Total of rounded data. ⁶ Includes Commodity Credit Corporation storage and drying facility loans. ⁷ Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies. ⁸ Loans and credits extended by dealers, merchants, finance companies, individuals, and others. ⁹ Preliminary. n.a. not available.

Economic Research Service.

Table 538.—Farm machinery and equipment: Number of specified kinds on farms, and tractor horsepower, United States, Census years ¹

Year	Tractors (exclusive of steam and garden)				Motor-trucks	Grain combines ³	Corn-heads ⁴	Pickup balers ⁵	Field forage harvesters ⁶
	Total ²	Wheel	Crawler	Horsepower					
	Thousands	Thousands	Thousands	Millions	Thousands	Thousands	Thousands	Thousands	Thousands
1950	3,394	3,250	144	93	2,207	714	456	196	81
1954	4,345	4,185	160	126	2,702	979	688	448	202
1959	4,688	4,489	199	153	2,834	1,042	792	680	291
1964	4,786	4,601	186	176	3,030	910	690	751	316
1969	4,622	4,419	203	203	2,985	790	635	708	304
1974	4,467	4,312	155	222	3,038	524	615	666	255
1978	n.a.	4,626	(*)	301	3,358	655	694	744	295
1982	n.a.	4,524	(*)	309	3,435	644	684	800	285
1987	n.a.	4,609	(*)	(*)	3,437	667	(*)	823	(*)

¹ Data as of December 31. Data are from Census of Agriculture. Interpolations between Census years have been discontinued. ² Includes wheel and crawler-type tractors. ³ Data for 1974 and after are for self-propelled combines only. ⁴ Includes corn pickers and picker shellers. ⁵ Does not include balers, producing bales weighing more than 200 pounds. ⁶ Data for 1978 and after do not include flail-type forage harvesters. ⁷ U.S. totals for 1978 are not directly comparable with totals for 1974 or earlier Census years, because they include State-level data from farm operators represented on the Census mailing list, plus estimates from the direct enumeration sample for farms not represented on the mailing list. As a result, figures for nearly all categories are somewhat higher than they would be using the earlier base. ⁸ Discontinued after 1974. ⁹ Discontinued after 1982. n.a. not available.

Economic Research Service.

Table 539.—Population: Total and rural farm, United States, 1977-91

Year	Civilian population ¹	Farm population		Year	Civilian population ¹	Farm population	
		Number ²	Percentage of total			Number ²	Percentage of total
	Thousands	Thousands	Percent		Thousands	Thousands	Percent
Previous definition: ³				1982.....	229,999	5,628	2.4
1977.....	218,106	7,806	3.6	1983.....	232,111	5,787	2.5
1978.....	220,467	8,005	3.6	1984.....	234,131	5,754	2.5
1979.....	222,969	7,553	3.4	1985.....	236,245	5,355	2.3
1980.....	225,616	7,241	3.2	1986.....	238,441	5,226	2.2
1981.....	227,809	7,014	3.1	1987.....	240,582	4,986	2.1
1982.....	229,999	6,880	3.0	1988.....	242,852	4,951	2.0
1983.....	232,111	7,029	3.0	1989.....	245,132	4,801	2.0
Current definition: ⁴				1990.....	247,775	4,591	1.9
1981.....	227,809	5,850	2.6	1991.....	250,566	4,632	1.8

¹ July figures. ² April-centered five quarter averages for 1976-79; annual averages of monthly data for later years. ³ Farm population is defined as all persons living on rural places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and rural places of under 10 acres if at least \$250 worth of agricultural products were sold. Last year of data was 1983. ⁴ Farm population is defined as all persons living on rural places with \$1,000 or more of agricultural sales in the reporting year reflected in figures for 1981 and later years.

Economic Research Service and the U.S. Department of Commerce.

Table 540.—Farm machines, selected types: Units shipped in the United States, 1977-90

Year	Moldboard plows	Subsoilers, deep tillage	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Cultivators ¹	Power sprayers and dusters ²	Crop dryers (heated air)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1977.....	46,325		30,278	26,462	33,999	54,957	41,427
1978.....	32,111		23,169	18,712	38,355	62,269	39,951
1979.....	39,507		26,554	24,251	42,555	75,428	32,308
1980.....	26,759	8,302	20,407	20,154	32,876	63,588	24,301
1981.....	23,398	4,812	15,550	13,652	25,197	53,717	20,271
1982.....	8,538	3,010	8,971	8,517	14,622	42,897	27,360
1983.....	5,724	2,360	5,800	7,173	8,510	37,168	9,123
1984.....	5,031	2,727	6,006	9,395	9,419	39,844	9,798
1985.....	3,212	2,208	3,866	5,543	8,168	41,606	14,497
1986.....	1,902	1,000	2,805	2,817	4,110	41,506	11,043
1987.....	867	1,202	3,644	4,198	6,720	43,716	6,587
1988.....	1,574	2,102	4,596	4,207	10,154	43,832	3,923
1989.....	1,952	2,661	4,446	6,403	13,106	46,224	5,401
1990.....	1,812	2,680	4,233	5,800	15,173	50,858	4,533

Year	Side delivery hay	Hay balers	Field forage harvesters	Combines (harvester threshers)	Small grain headers for combines	Corn picking units (combine attachments)	Cotton strippers and pickers ³
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1977.....	20,328	42,621	18,740	31,943		24,035	1,816
1978.....	20,602	43,982	16,941	32,020		18,629	1,775
1979.....	19,126	52,310	17,090	32,357		20,052	1,279
1980.....	19,707	49,511	15,823	28,502	46,162	14,601	8,108
1981.....	13,615	39,149	9,563	32,062	48,695	17,107	7,837
1982.....	10,089	24,432	6,365	22,726	24,656	7,228	5,031
1983.....	7,266	25,018	5,357	13,673	14,699	4,121	3,028
1984.....	9,069	24,807	4,653	11,296	14,151	4,388	3,989
1985.....	8,072	19,989	3,244	7,027	9,978	2,829	4,073
1986.....	5,339	16,325	1,997	8,288	9,835	4,291	2,986
1987.....	4,230	18,002	2,209	9,484	9,212	4,485	2,978
1988.....	7,127	25,974	3,508	7,573	14,302		4,242
1989.....	10,925	33,373	3,958	11,229	20,316		3,879
1990.....	12,251	36,422	4,631	14,629	24,573		3,872

Year	Peanut combines, diggers, shakers, and windrowers	Potato harvesters ⁴	Manure spreaders	Power grinders and crushers	Silo and grain bin unloaders ⁵	Milking machines ⁶	Mower-conditioners (combination) ⁷
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1977.....	1,790	1,005	24,541	6,508	25,899	10,704	27,517
1978.....	1,974	758	24,118	10,614	29,040	11,507	29,921
1979.....	1,632	362	24,649	11,077	25,663	14,274	35,039
1980.....	880	258	24,217	8,035	21,415	80,392	38,171
1981.....	270	389	16,254	6,662	16,599	90,381	31,059
1982.....	974	342	11,540	4,206	10,402	66,083	20,051
1983.....	1,055	302	11,451	3,334	8,699	48,855	15,048
1984.....	1,145	347	11,810	2,645	8,194	38,113	19,218
1985.....	1,296	302	8,957	2,416	7,501	60,841	12,397
1986.....	1,148	195	10,719	2,073	4,719	30,442	10,556
1987.....	1,031	260	11,815	2,537	7,273	37,517	11,738
1988.....	1,422	289	14,383	2,322	11,596	39,539	15,856
1989.....	3,621	393	12,935	2,301	14,446	38,709	17,842
1990.....	5,431	466	12,865	2,430	18,490	42,870	19,498

¹ Row cultivators, tractor-drawn or mounted; corn and cotton type; rotary cultivators not included. ² Does not include foggers and mist sprayers. ³ Beginning in 1986, other harvesting machinery including potato diggers, corn harvesting equipment, picker-shellers, and field shelling attachments for corn pickers. ⁴ Beginning in 1987, beet harvesters are included. ⁵ Horizontal silo unloaders not included. ⁶ Includes all mechanical milking machines, vacuum pumping outfits, and complete pipeline milking units. ⁷ Includes self-propelled windrowers.

U.S. Department of Commerce.

Table 541.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1977-90

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1977.....	7,986,664	239,151	465,974	550,782	212,634	1,599,772	469,715	308,932
1978.....	7,829,004	203,617	462,419	522,416	206,125	1,815,631	533,738	356,008
1979.....	9,791,383	273,496	601,262	652,944	275,519	2,133,516	674,621	384,916
1980.....	9,450,357	245,875	555,377	680,743	275,793	2,207,075	778,199	340,083
1981.....	10,003,071	233,199	522,491	802,378	235,994	2,579,889	711,748	319,425
1982.....	7,987,963	151,887	360,522	673,080	202,153	2,069,585	545,099	282,420
1983.....	6,475,838	129,746	340,951	447,490	132,889	1,478,807	541,899	194,556
1984.....	7,170,967	152,464	369,681	601,094	175,355	1,424,639	611,568	197,790
1985.....	5,694,616	110,984	286,595	453,250	139,985	1,190,831	498,116	193,727
1986.....	4,770,400	75,310	211,311	371,210	81,103	1,230,124	383,434	203,657
1987.....	5,324,024	74,643	261,380	409,082	104,619	1,282,315	433,671	208,189
1988.....	6,793,524	117,725	334,499	508,566	154,471	1,422,751	574,587	193,275
1989.....	8,265,407	130,754	401,933	638,248	201,162	1,858,777	731,077	207,521
1990.....	9,531,487	137,509	402,146	677,362	224,976	2,320,432	875,143	241,279

Year	Tractors for farm use ^{1 2}	Farm wagons and other farm transporta- tion equip- ment ³	Sprayers and dusters	Farm elevators and blowers	Farm dairy machines and equipment	Farm poultry equipment	Hog equipment	Other barn and barnyard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1977.....	3,211,575	183,934	161,709	114,691	97,347	127,867	54,481	188,150
1978.....	3,203,157	247,779	197,931	157,168	108,920	159,452	95,266	251,587
1979.....	3,314,388	276,557	245,368	173,492	134,301	223,333	120,728	306,942
1980.....	3,108,391	207,105	254,083	140,809	143,732	174,931	63,951	274,220
1981.....	3,414,133	212,087	248,491	117,986	159,961	144,939	41,530	257,298
1982.....	2,474,384	172,989	257,582	112,436	110,656	110,409	41,946	202,249
1983.....	1,720,680	140,300	228,465	72,576	116,133	102,443	50,490	184,566
1984.....	2,045,298	133,386	252,992	69,773	105,430	120,646	44,038	168,912
1985.....	1,443,221	109,237	244,412	66,877	92,308	109,000	35,938	156,768
1986.....	893,432	111,342	212,566	82,049	77,127	93,420	41,964	129,146
1987.....	958,597	149,217	214,484	73,648	76,584	116,763	66,415	164,142
1988.....	227,860	1,725,202	274,994	64,342	95,492	144,149	75,717	214,133
1989.....	201,815	2,189,999	304,311	62,397	111,488	161,832	68,131	181,914
1990.....	206,844	2,566,878	334,326	70,725	110,563	197,086	78,772	203,652

¹ Beginning in 1983, only wheeled tractors included. ² For 1988 and after, attachments and parts only. ³ For 1988 and after, includes tractors. Tractors are no longer reported separately to avoid disclosing figures of individual companies.

U.S. Department of Commerce.

Table 542.—Farm labor: Number of workers on farms and average wage rates, by States and regions ¹, 1991

State and region ²	Workers on farms		Farm wage rates ⁴				
	Unpaid ³	Hired	Type of worker			Method of pay	
			Field	Livestock	Field and livestock	Hourly	Other
	Thousands	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
<i>Jan. 6-12, 1991</i>							
Northeast I.....	49	36	6.18	4.94	5.41	5.78	5.76
Northeast II.....	90	32	5.45	4.76	4.97	5.57	4.98
Appalachian I.....	72	24	5.35	4.86	5.02	4.89	5.76
Appalachian II.....	147	36	4.61	5.29	5.08	4.99	6.05
Southeast.....	81	38	5.10	5.42	5.25	5.02	6.30
FL.....	32	68	5.80	5.50	5.74	5.69	7.98
Lake.....	211	54	6.14	4.84	4.99	5.53	5.06
Cornbelt I.....	193	40	5.92	5.06	5.36	5.88	6.53
Cornbelt II.....	172	23	4.78	5.71	5.43	5.39	5.77
Delta.....	70	22	5.45	4.57	5.00	4.63	5.92
N. Plains.....	177	29	5.44	5.29	5.31	5.44	5.47
S. Plains.....	222	59	4.55	4.94	4.78	4.89	5.44
Mountain I.....	47	16	5.03	5.02	5.02	5.26	5.52
Mountain II.....	31	15	5.09	5.46	5.38	5.46	6.04
Mountain III.....	37	13	5.09	5.15	5.12	5.21	6.38
Pacific.....	48	30	6.08	6.53	6.28	6.28	7.58
CA.....	57	162	5.88	6.80	6.06	5.93	9.40
HI.....	4	9	7.72	(³)	7.69	7.97	12.70
US (49 States).....	1,740	706	5.69	5.32	5.50	5.62	6.48
<i>Apr. 7-13, 1991</i>							
Northeast I.....	51	39	5.98	5.08	5.54	5.96	5.79
Northeast II.....	104	35	5.50	5.01	5.30	5.55	5.43
Appalachian I.....	81	41	4.31	5.30	4.60	4.50	5.25
Appalachian II.....	175	29	4.98	4.90	4.94	5.09	6.62
Southeast.....	75	47	4.66	6.36	5.03	4.71	6.59
FL.....	33	46	5.39	5.88	5.45	5.32	7.63
Lake.....	234	74	5.86	5.07	5.38	5.31	5.94
Cornbelt I.....	228	52	5.94	5.46	5.80	5.96	7.26
Cornbelt II.....	185	25	4.99	5.20	5.09	5.06	6.33
Delta.....	79	40	5.14	5.01	5.09	4.89	6.08
N. Plains.....	204	33	5.45	4.99	5.23	5.48	5.34
S. Plains.....	224	56	4.73	4.96	4.82	4.85	5.41
Mountain I.....	56	24	4.96	4.93	4.95	5.23	5.04
Mountain II.....	37	17	5.62	5.21	5.44	5.74	5.62
Mountain III.....	35	16	4.98	5.11	5.03	4.95	5.94
Pacific.....	56	64	5.74	5.95	5.78	5.47	7.24
CA.....	56	179	5.69	6.91	5.82	5.77	9.50
HI.....	4	9	7.95	(³)	7.88	8.01	11.98
US (49 States).....	1,917	826	5.45	5.35	5.42	5.44	6.42

See footnotes at end of table.

Table 542.—Farm labor: Number of workers on farms and average wage rates, by States and regions ¹, 1991—Continued

State and region ²	Workers on farms		Farm wage rates ⁴				
	Unpaid ³	Hired	Type of worker			Method of pay	
			Field	Livestock	Field and livestock	Hourly	Other
	Thousands	Thousands	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour	Dollars per hour
<i>July 7-13, 1991</i>							
Northeast I.....	70	61	5.81	5.18	5.56	5.98	6.19
Northeast II.....	93	51	5.44	5.14	5.36	5.37	5.85
Appalachian I.....	117	93	4.69	5.50	4.79	4.75	6.08
Appalachian II.....	172	37	4.94	5.04	4.96	5.03	5.55
Southeast.....	102	62	4.37	5.39	4.53	4.73	6.00
FL.....	29	45	5.74	5.55	5.71	5.83	7.85
Lake.....	301	106	5.17	4.26	4.93	5.39	4.47
Cornbelt I.....	239	54	5.45	5.66	5.51	5.48	5.92
Cornbelt II.....	215	44	4.92	5.16	5.00	4.96	6.96
Delta.....	93	59	4.50	4.56	4.51	4.52	5.03
No. Plains.....	221	46	4.83	5.13	4.91	5.31	5.20
So. Plains.....	234	67	4.81	4.89	4.83	4.86	5.22
Mountain I.....	66	32	4.99	4.66	4.88	5.31	4.76
Mountain II.....	50	21	5.09	5.41	5.22	5.01	6.05
Mountain III.....	36	23	5.06	5.29	5.12	5.12	5.93
Pacific.....	92	92	5.50	4.98	5.47	5.47	6.76
CA.....	70	210	5.77	6.39	5.82	5.76	8.43
HI.....	5	10	8.02	(⁵)	7.92	7.96	12.03
US (49 States).....	2,204	1,113	5.26	5.16	5.24	5.35	6.03
<i>Oct. 6-12, 1991</i>							
Northeast I.....	59	55	6.29	5.13	5.85	6.39	6.06
Northeast II.....	88	53	5.81	5.10	5.66	5.76	6.23
Appalachian I.....	86	58	5.33	5.26	5.32	5.32	5.89
Appalachian II.....	155	36	5.11	5.28	5.17	5.37	5.34
Southeast.....	91	39	4.87	5.38	5.02	5.10	5.63
FL.....	27	60	5.78	5.88	5.79	5.85	9.13
Lake.....	275	84	5.86	4.52	5.37	5.88	4.63
Cornbelt I.....	241	70	5.66	5.44	5.62	5.83	5.68
Cornbelt II.....	205	34	5.27	4.91	5.18	5.21	5.66
Delta.....	87	47	4.58	5.41	4.66	4.67	4.94
No. Plains.....	203	45	5.87	5.27	5.78	6.07	5.38
So. Plains.....	229	60	4.97	5.19	5.07	5.00	5.76
Mountain I.....	56	24	5.11	4.77	4.97	5.30	4.87
Mountain II.....	36	21	5.44	4.72	5.19	5.17	5.39
Mountain III.....	38	20	5.33	5.44	5.36	5.26	6.22
Pacific.....	70	89	6.33	6.45	6.34	6.11	8.28
CA.....	55	191	5.82	7.31	5.94	5.89	9.05
HI.....	5	10	8.37	(⁵)	8.27	8.32	(⁵)
US (49 States).....	2,006	996	5.67	5.32	5.61	5.70	6.11

¹ Excludes agricultural service workers. ² Regions consist of the following: Northeast I: CT, ME, MA, NH, NY, RI, VT; Northeast II: DE, MD, NJ, PA; Appalachian I: NC, VA; Appalachian II: KY, TN, WV; Southeast: AL, GA, SC; Lake: MI, MN, WI; Cornbelt I: IL, IN, OH; Cornbelt II: IA, MO; Delta: AR, LA, MS; No. Plains: KS, NE, ND, SD; So. Plains: OK, TX; Mountain I: ID, MT, WY; Mountain II: CO, NV, UT; Mountain III: AZ, NM; Pacific: OR, WA.

³ Includes farm operators doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during survey week. ⁴ Includes all persons doing work for pay during survey week. ⁵ Insufficient data.

National Agriculture Statistics Service.

Table 543.—Farm labor: Number of workers on farms, average wage rates, and indexes, United States, 1979-91 ¹

Year	Total workers		Unpaid workers ²		Hired workers ³		Hired farm workers ³	
	Number of workers	Index ⁴ 1977=100	Number of workers	Index ⁴ 1977=100	Number of workers	Index ⁴ 1977=100	Wage rates	Index ⁴ 1977=100
1977	4,169.9	100	2,863.0	100	1,306.9	100	2.87	100
1978	3,956.6	95	2,688.9	94	1,267.7	97	3.09	108
Jan	3,009.5	93	2,245.2	93	764.3	94	3.18	107
Apr	3,688.5	89	2,593.4	87	1,095.1	95	3.09	110
July	4,967.8	98	3,119.8	98	1,848.0	99	2.94	106
Oct	4,080.0	98	2,762.6	97	1,317.4	100	3.19	107
1979	3,774.2	91	2,501.2	87	1,273.0	97	3.39	118
Jan	2,996.5	93	2,198.7	91	797.8	98	3.38	114
Apr	3,480.6	84	2,424.4	82	1,056.2	91	3.40	121
July	4,639.3	92	2,831.9	89	1,807.4	97	3.23	117
Oct	3,943.5	95	2,525.1	89	1,418.4	108	3.57	119
1980	3,705.3	89	2,402.3	84	1,303.0	100	3.66	128
Jan	3,021.5	94	2,111.9	88	909.6	111	3.69	125
Apr	3,441.4	83	2,255.0	76	1,186.4	103	3.61	128
July	4,542.6	90	2,751.2	86	1,791.4	96	3.54	128
Oct	3,791.4	91	2,485.4	88	1,306.0	99	3.85	129
1981								
Jan	2,997.5	93	2,068.9	86	928.6	114	4.12	139
Apr	3,662.5	89	2,402.9	81	1,259.6	109	3.92	139
1982								
July	4,043.4	80	2,494.4	78	1,549.0	83	4.00	144
1983								
July	3,749.0	74	2,271.0	71	1,478.0	79	4.11	148
1984								
July	3,750.0	74	2,315.0	73	1,435.0	77	4.16	150
Oct	3,059.0	74	2,034.0	72	1,025.0	78	4.56	153
1985								
Apr	2,821.0	68	1,914.0	64	907.0	78	4.51	160
July	3,570.0	71	2,197.0	69	1,373.0	73	4.24	153
Oct	2,956.0	71	1,941.0	68	1,015.0	77	4.56	153
1986								
Apr	2,718.0	66	1,808.0	61	910.0	79	4.71	167
July	3,204.0	63	1,971.0	62	1,233.0	66	4.57	165
Oct	2,814.0	68	1,839.0	65	975.0	74	4.83	162
1987								
Apr	2,636.0	64	1,751.0	59	885.0	76	4.90	174
July	3,211.0	63	1,941.0	61	1,270.0	68	4.78	173
Oct	2,843.0	68	1,846.0	65	997.0	76	4.92	165
1988								
Apr	2,732.0	66	1,796.0	60	936.0	81	5.00	177
July	3,218.0	64	2,018.0	63	1,200.0	64	4.90	177
Oct	2,913.0	70	1,937.0	68	976.0	74	5.18	173
1989								
Jan	2,322.0	72	1,621.0	67	701.0	86	5.51	186
Apr	2,607.0	63	1,777.0	60	830.0	72	5.35	190
July	3,448.0	68	2,251.0	71	1,197.0	64	5.23	189
Oct	3,076.0	74	2,093.0	74	983.0	75	5.42	181
1990								
Jan	2,447.0	76	1,752.0	73	695.0	83	5.70	193
Apr	2,761.0	72	1,928.0	65	833.0	75	5.54	194
July	3,335.0	66	2,229.0	70	1,106.0	58	5.30	193
Oct	3,022.0	72	2,087.0	74	935.0	68	5.64	186
1991								
Jan	2,446.0	77	1,740.0	72	706.0	84	6.00	204
Apr	2,743.0	71	1,917.0	65	826.0	74	5.81	203
July	3,318.0	65	2,205.0	69	1,113.0	58	5.57	203
Oct	3,002.0	72	2,006.0	71	996.0	73	5.88	194

¹ For 1975 through 1980, annual averages are the sum of regional and State averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October. The quarterly farm labor surveys were discontinued after April 1981. An annual survey was implemented in 1982 which surveyed establishments in July obtaining data for the week that included the 12th. Beginning in July 1984, three surveys a year were conducted in the 48 contiguous States and Hawaii. ² Includes farm operators doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages.

³ Includes all persons doing farm work for pay during the survey week. ⁴ Index is not seasonally adjusted.

⁵ Hawaii included in U.S. average beginning 1978.

National Agricultural Statistics Service.

Table 544.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1975–88 ¹

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
	<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Days</i>	<i>Dollars</i>
1975.....	972	171	3,082	1982 ²			
1976.....	1,068	160	3,176	1983.....	1,118	172	5,544
1977.....	1,133	170	3,592	1984 ²			
1978 ²				1985.....	1,007	196	6,251
1979.....	1,168	169	4,126	1986 ²			
1980 ²				1987.....	1,004	194	5,987
1981.....	1,035	179	4,986	1988 ²			

¹ Data are obtained from persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who did hired farm work at some time during the year. This series differs from the hired workers series shown in table 547 which estimates farm employment from a survey of farm operators. ² Beginning in 1977, the survey was conducted biennially. ³ Data series ends with 1987; the survey was discontinued.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

Table 545.—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1975–88 ¹

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1975.....	2,638	2,036	602	1,458	179	146	3,274	2,584
1976.....	2,767	2,086	681	1,622	174	139	3,516	2,714
1977.....	2,730	2,092	638	1,675	182	146	3,973	3,018
1978 ²								
1979.....	2,652	2,075	576	1,753	190	150	4,883	3,605
1980 ²								
1981.....	2,492	1,918	574	1,523	188	154	5,281	4,214
1982 ²								
1983.....	2,595	2,017	578	1,623	191	155	5,984	4,878
1984 ²								
1985.....	2,522	1,980	542	1,579	211	165	6,838	5,047
1986 ²								
1987.....	2,463	1,961	501	1,606	217	167	7,437	5,033
1988 ²								

¹ Data are obtained from persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 547 which estimates farm employment from a survey of farm operators. ² Beginning in 1977, survey data were collected biennially. ³ Data series ends with 1987; the survey was discontinued.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

Table 546.—Crops: Area, United States, 1977-91

Year	Principal crops				Commercial vegetables, harvested area ⁵	Fruits and planted nuts, bearing area
	Harvested area			Planted area total ⁴		
	Feed grains ¹	Food grains ²	Total ³			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1977.....	108,624	69,612	333,282	344,873	3,217.0	3,485.8
1978.....	105,714	60,391	326,423	336,438	3,255.6	3,504.6
1979.....	102,510	66,173	336,736	345,803	3,298.0	3,510.9
1980.....	101,391	75,087	340,103	355,677	3,044.9	3,556.0
1981.....	106,646	85,119	354,295	363,167	2,971.5	3,597.4
1982.....	106,127	81,876	349,644	358,708	2,189.8	3,544.4
1983.....	80,263	64,451	293,886	309,536	2,132.7	3,572.0
1984.....	106,633	70,709	335,654	345,110	2,441.7	3,545.2
1985.....	111,729	67,904	330,942	342,224	2,462.5	3,493.7
1986.....	101,583	63,709	311,240	327,301	2,308.9	3,431.9
1987.....	86,881	58,949	289,422	304,945	2,434.6	3,457.8
1988.....	80,461	56,684	289,846	308,170	2,471.4	3,485.0
1989.....	91,001	65,360	305,761	317,247	2,620.5	3,497.3
1990.....	89,515	72,481	309,109	319,432	2,667.9	3,505.8
1991.....	91,871	60,839	304,894	314,342	2,640.0	3,458.6

¹ Corn for grain, oats, barley, and sorghum for grain. ² Wheat, rye, and rice. ³ Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflower, cotton, all hay, dry edible beans, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbeets; popcorn. Beginning 1986 also includes dry edible peas, Austrian winter peas and lentils. ⁴ Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice, soybeans, flaxseed, peanuts, sunflower, cotton, dry edible beans, potatoes, sweetpotatoes, and sugarbeets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane; popcorn. Beginning 1986 also includes dry edible peas, Austrian winter peas and lentils. ⁵ Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. ⁶ Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, grapefruit, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit (beginning 1980), olives, avocados, papayas, dates, persimmons (prior to 1978), pineapples and pomegranates; nuts—walnuts, almonds, filberts, macadamias, and pistachios (beginning 1977).

National Agricultural Statistics Service.

Table 547.—Harvested crops: Area required for specified purposes, United States, 1977-91

Year	Crops harvested ¹	Area used for producing—		Total population July 1 ³	Year	Crops harvested ¹	Area used for producing—		Total population July 1 ³
		Export products ²	Products for domestic use				Export products ²	Products for domestic use	
			Total Per capita					Total Per capita	
	Million acres	Million acres	Million acres Acres	Millions		Million acres	Million acres	Million acres Acres	Millions
1977.....	345	112	233 1.06	220	1984.....	348	96	252 1.06	237
1978.....	338	114	224 1.00	223	1985.....	342	81	261 1.09	239
1979.....	348	125	223 .99	225	1986.....	325	96	229 .95	242
1980.....	352	137	215 .94	228	1987.....	302	106	196 .81	244
1981.....	366	129	237 1.03	230	1988.....	297	118	180 .73	246
1982.....	362	113	249 1.07	232	1989.....	318	103	216 .86	249
1983.....	306	124	182 .77	235	1990.....	322	83	239 .95	251
					1991 ⁴	318	na	na	254

¹ Area in principal crops harvested as reported by The Agricultural Statistics Board, NASS, plus area in vegetables, fruits, tree nuts, and farm gardens. ² Area for exports relate to exports for year beginning July 1 through 1974 and for October 1 thereafter. Area includes seeds for crops and feed for livestock that are exported. ³ Includes persons in our military forces in this country and abroad. ⁴ Preliminary.

Economic Research Service. na=Not available.

Table 548.—Crops: Area, yield, production, and value, United States, 1989-91 ¹

Crop	Area harvested ²			Yield per harvested acre ³				Production			Value of production		
	1989	1990	1991 ⁴	Unit	1989	1990	1991 ⁴	1989	1990	1991 ⁴	1989	1990	1991 ⁴
	1,000 acres	1,000 acres	1,000 acres					Thou- sands	Thou- sands	Thou- sands	1,000 dollars	1,000 dollars	1,000 dollars
Corn for grain.....	64,703	66,952	68,842	Bushel	116.3	118.5	108.6	7,525,493	7,934,028	7,474,480	17,896,810	18,191,643	18,036,205
Corn for silage.....	6,606	6,124	6,101	Ton.....	13.0	14.2	13.2	86,109	86,844	80,503	(⁵)		
Wheat, all ⁶	62,189	69,353	58,137	Bushel.....	32.7	39.5	34.3	2,036,618	2,736,428	1,980,704	7,542,464	7,184,427	5,800,704
Winter ⁷	41,509	49,901	39,396	Bushel.....	35.0	40.7	34.8	1,454,642	2,030,874	1,372,182	5,450,176	5,394,090	3,975,230
Durum.....	3,673	3,507	3,197	Bushel.....	25.1	34.9	32.5	92,229	122,430	103,957	316,838	318,922	277,598
Other spring.....	17,007	15,875	15,100	Bushel.....	28.8	36.7	33.4	489,747	583,124	504,565	1,775,450	1,471,415	1,547,876
Oats ⁸	6,882	5,945	4,796	Bushel.....	54.3	60.1	50.6	373,587	357,524	242,526	548,938	417,637	289,408
Barley ⁹	8,313	7,529	8,413	Bushel.....	48.6	56.1	55.2	404,203	422,196	464,495	968,180	911,545	1,006,592
Rye.....	484	375	396	Bushel.....	28.2	27.1	24.6	13,647	10,176	9,761	28,099	21,298	21,198
Flaxseed.....	163	253	337	Bushel.....	7.5	15.1	18.1	1,215	3,812	6,100	8,724	20,108	21,415
Rice.....	2,687.0	2,823.0	2,750.0	Cwt.....	5,749	5,529	5,617	154,487	156,088	154,457	1,096,859	1,047,242	1,166,077
Sorghum for grain.....	11,103	9,089	9,820	Bushel.....	55.4	63.1	59.0	615,420	573,303	579,490	1,287,738	1,220,499	1,347,366
Sorghum for silage.....	541	527	483	Ton.....	10.4	10.2	10.0	5,647	5,377	4,806	(⁵)		
Cotton lint.....	9,537.7	11,731.6	12,959.5	Bale.....	614	634	652	12,195.6	15,505.4	17,614.3	3,877,888	5,075,826	4,926,571
Cottonseed.....				Ton.....				4,677.4	5,968.5	6,925.5	492,683	722,313	493,865
Hay, all.....	63,300	61,407	62,575	Ton.....	2.30	2.39	2.45	145,512	146,820	153,485	11,196,699	10,457,288	9,800,766
Beans, dry edible.....	1,650.9	2,084.4	1,862.7	Cwt. ⁹	1,437	1,553	1,770	23,729	32,379	32,963	676,635	598,703	523,627
Soybeans for beans.....	59,538	56,512	57,951	Bushel.....	32.3	34.1	34.3	1,923,666	1,925,947	1,985,564	10,916,145	11,042,010	11,078,442
Peanuts for nuts.....	1,644.7	1,809.5	2,015.7	Pound.....	2,426	1,991	2,444	3,989,995	3,602,770	4,926,570	1,116,452	1,257,185	1,392,296
Potatoes.....	1,281.5	1,370.6	1,375.4	Cwt.....	289	293	304	370,444	402,110	418,229	2,716,963	2,430,980	2,095,341
Sunflower.....	1,786	1,851	2,670	Pound.....	985	1,229	1,352	1,759,990	2,274,405	3,609,990	190,452	345,754	304,943
Sweetpotatoes.....	86.0	89.5	77.5	Cwt.....	132	141	148	11,358	12,594	11,496	186,279	121,962	141,620
Taro.....	4	4	6	Pound.....	15,100	13,800	11,700	6,500	5,800	7,000	1,996	2,262	3,010
Tobacco.....	678.2	733.3	763.8	Pound.....	2,016	2,218	2,178	1,367,188	1,626,380	1,663,464	2,335,052	2,832,471	2,968,312
Sugarcane for sugar and seed.....	851.9	794.2	896.9	Ton.....	34.5	35.4	33.7	29,426	28,136	30,254	857,678	863,499	874,341
Sugarbeets.....	1,294.5	1,377.2	1,388.2	Ton.....	19.4	20.0	20.2	25,131	27,513	28,092	1,058,298	1,179,757	1,067,496
Mint oil.....	127.2	135.5	151.4	Pound.....	67	70	62	8,498	9,518	9,395	112,698	134,809	129,229
Hops.....	34.5	35.5	39.6	Pound.....	1,717	1,603	1,748	59,326.4	56,854.8	69,155.4	81,582	84,178	115,625
Ginger root (HI).....	0.2	0.2	0.3	Pound.....	50,000	50,000	48,000	9,000	9,000	12,000	6,435	7,693	7,560
Apples, commercial crop.....	480.8	486.0	481.9	Pound.....	20,700	20,000	20,500	9,962,800	9,696,800	9,898,700	1,034,437	1,456,896	1,778,352
Peaches.....	185.5	185.7	185.7	Pound.....	12,700	12,000	14,400	2,355,800	2,233,200	2,672,300	364,867	371,626	392,682
Pears.....	70.0	71.0	72.2	Ton.....	13.10	13.60	12.50	916.8	963.8	904.5	253,602	269,541	274,306
Grapes.....	745.0	742.6	734.9	Ton.....	7.96	7.62	7.77	5,930.9	5,659.8	5,555.3	1,862,888	1,670,468	1,731,731
Cherries, sweet.....	48.7	49.2	50.0	Ton.....	3.97	3.18	3.03	193.5	156.7	151.6	136,125	118,319	137,659
Cherries, tart.....	49.3	48.8	46.9	Pound.....	5,360	4,280	4,050	264.1	208.8	189.9	35,348	36,685	85,038
Apricots.....	18.7	78.3	18.7	Ton.....	6.41	6.68	5.11	120.0	122.5	95.8	40,222	40,937	37,356
Plums (California).....	41.1	41.8	42.1	Ton.....	5.26	5.33	5.18	216.0	233.0	218.0	96,146	134,412	97,894
Prunes, dried (California).....	77.4	80.1	80.0	Ton.....	2.92	1.84	2.34	226.0	147.0	187.0	176,054	128,331	178,398
Prunes and plums, fresh basis (excluding California).....	9.8	10.0	9.7	Ton.....	4.79	4.78	2.59	47.0	47.8	25.1	9,079	8,444	7,084
Figs ¹⁰	16.9	16.7	15.8	Ton.....	2.84	2.92	2.34	48.0	48.7	37.0	18,198	17,177	13,451
Nectarines.....	24.4	25.5	25.9	Ton.....	9.02	9.10	8.30	220.0	232.0	215.0	87,645	109,999	86,457

See footnotes at end of table.

Table 548.—Crops: Area, yield, production, and value, United States, 1989-91 ¹—Continued

Crop	Area harvested ²			Yield per harvested acre ³				Production			Value of production		
	1989	1990	1991 ⁴	Unit	1989	1990	1991 ⁴	1989	1990	1991 ⁴	1989	1990	1991 ⁴
	1,000 acres	1,000 acres	1,000 acres					Thou- sands	Thou- sands	Thou- sands	1,000 dollars	1,000 dollars	1,000 dollars
Olives.....	29.8	30.4	29.7	Ton.....	4.13	4.33	2.19	123.0	131.5	65.0	57,458	55,663	36,499
Dates.....	5.0	5.0	5.2	Ton.....	4.40	4.80	4.23	22.0	24.0	22.0	22,880	19,680	21,340
Kiwifruit.....	7.2	7.3	7.2	Ton.....	5.56	5.34	4.44	40.0	39.0	32.0	14,800	14,110	23,649
Avocados ¹¹	85.9	83.5	82.2	Ton.....	1.62	1.87	2.17	139.1	156.1	178.7	250,940	205,571	178,866
Bananas.....	1.0	.9	.9	Pound.....	11.9	12.2	12.8	14,900	11,300	11,400	4,344	4,294	4,674
Papayas.....	2.5	2.4	2.0	Pound.....	n.a.	n.a.	n.a.	74,000	68,500	55,350	14,380	14,805	16,228
Pineapples.....	32.7	30.9	28.4	Ton.....	n.a.	n.a.	n.a.	580.0	575.0	555.0	98,310	106,365	107,775
Pomegranates.....	3.1	—	—	Ton.....	6.13	—	—	19.0	—	—	4,906	—	—
Cranberries.....	27.5	27.8	28.1	Barrel.....	136.3	122.0	150.1	3,747.0	3,391.0	4,219.0	164,720	156,365	206,783
Strawberries.....	46.1	46.2	46.7	Cwt.....	248	272	293	11,420	12,543	13,689	537,756	580,101	634,028
Oranges ¹²	588.7	597.8	612.7	Box.....	355	308	292	209,050	184,415	178,850	1,868,467	1,468,899	1,678,611
Grapefruit ¹²	150.2	147.3	133.4	Box.....	463	335	416	69,500	49,300	55,500	416,041	371,987	382,600
Lemons ¹²	63.9	63.3	62.1	Box.....	313	294	306	20,000	18,600	19,000	234,955	279,825	294,534
Limes ¹²	6.6	6.7	6.2	Box.....	189	246	234	1,250	1,650	1,450	21,474	22,884	27,859
Tangerines ¹²	19.3	19.8	20.2	Box.....	290	199	191	5,590	3,950	3,850	83,075	72,088	77,753
Tangelos ¹²	9.5	8.9	8.0	Box.....	400	331	331	3,800	2,950	2,650	31,392	20,778	21,845
Templets ¹²	9.3	8.0	7.7	Box.....	403	175	325	3,750	1,400	2,500	27,844	10,668	19,726
Pecans.....	n.a.	n.a.	n.a.	Pound.....	n.a.	n.a.	n.a.	250,500	205,000	299,000	179,040	247,590	309,524
Pistachios.....	50.9	50.5	52.1	Pound.....	766	2,380	1,480	39,000	120,000	77,000	63,570	122,400	96,250
Walnuts.....	179.0	181.0	181.0	Ton.....	1.28	1.25	1.43	229	227	259	245,030	236,080	279,720
Almonds.....	411.0	411.0	380.0	Pound.....	1,190	1,610	1,290	490,000	660,000	490,000	480,930	597,990	540,474
Hazelnuts (filberts).....	27.5	28.2	28.6	Ton.....	.47	.77	.89	13.0	21.7	25.5	10,664	17,011	18,519
Macadamia nuts.....	18.2	18.4	18.2	Pound.....	2,770	2,720	2,720	50,500	50,000	49,500	44,945	41,000	34,650
Coffee.....	2.3	2.4	1.7	Pound.....	1,390	1,400	1,180	3,200	3,350	2,000	12,480	9,045	4,000
Commercial vegetables:													
Beans, snap ¹³	249.0	246.1	235.1	Ton.....	3.49	3.23	3.31	869,700	795,980	778,670	151,379	145,598	136,966
Broccoli.....	116.8	110.8	101.0	Cwt.....	116	111	111	13,513	12,345	11,190	276,050	268,220	242,155
Carrots.....	101.9	94.4	97.3	Cwt.....	284	310	286	28,987	29,237	27,827	297,227	272,573	308,749
Cauliflower.....	67.7	65.8	56.1	Cwt.....	116	119	126	7,846	7,855	7,041	204,840	190,350	188,395
Celery.....	35.3	37.7	33.0	Cwt.....	574	526	578	20,276	19,816	19,090	268,266	214,708	205,701
Corn, sweet ¹⁴	642.7	675.9	719.1	Ton.....	5.84	5.86	5.74	3,756.1	3,957.7	4,130.9	470,076	467,898	493,131
Honeydew melons.....	29.9	26.4	25.9	Cwt.....	172	171	144	5,131	4,503	3,737	62,334	81,218	68,895
Lettuce.....	243.3	231.3	222.1	Cwt.....	309	316	319	75,231	73,201	70,778	950,278	844,142	810,186
Onions.....	132.7	138.3	134.0	Cwt.....	361	382	378	47,902	52,781	50,702	496,971	488,786	580,900
Peas, green ¹³	316.5	341.1	332.8	Ton.....	1.59	1.55	1.48	504,660	528,150	491,110	119,963	131,494	128,072
Tomatoes ¹⁴	462.1	489.0	487.7	Ton.....	24.4	24.6	25.8	11,279.7	12,040.7	12,560.3	1,848,252	1,625,760	1,797,146

¹ Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops. ² Bearing acreage for noncitrus fruits. ³ Yield per bearing acre for noncitrus fruits. ⁴ Preliminary. ⁵ Discontinued. ⁶ Includes area seeded in preceding fall. ⁷ Area seeded in preceding fall. ⁸ Yield in pounds. ⁹ Clean basis. ¹⁰ Fresh basis. ¹¹ Year of bloom. ¹² Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. ¹³ Processing only. ¹⁴ For breakdown between fresh market and processing, see individual crop tables. n.a. not available.

National Agricultural Statistics Service.

Table 549.—Total farm input: Index numbers of farm input by major subgroups, United States, 1976-90

[1977=100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agricultural chemicals ¹	Feed, seed, and livestock purchases ²	Taxes and interest	Miscellaneous
1976	98	100	98	98	96	101	102	90
1977	100	100	100	100	100	100	100	100
1978	102	100	100	104	107	108	99	103
1979	105	99	103	104	123	115	103	113
1980	103	96	103	101	123	114	100	96
1981	102	96	104	98	129	108	99	108
1982	98	93	102	89	118	107	94	116
1983	96	97	101	86	102	103	98	101
1984	95	92	99	85	120	103	90	110
1985	91	85	97	80	115	102	92	116
1986	89	80	96	77	109	109	93	110
1987	89	78	95	74	111	116	93	135
1988	87	75	94	74	112	111	89	126
1989	87	76	93	73	119	113	86	122
1990 ³	88	80	93	71	122	113	89	133

¹ Includes fertilizer, lime, and pesticides. ² Nonfarm portion of feed, seed, and livestock purchases. ³ Preliminary.

Economic Research Service.

Table 550.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1977-91

[1977=100]

Year	Farm output	Livestock and products ¹				Crops									
		All livestock and products ²	Meat animals ³	Dairy products ⁴	Poultry and eggs ⁵	All crops ⁶	Feed grains ⁷	Hay and forage ⁸	Food grains ⁹	Vegetables ¹⁰	Fruits and nuts ¹¹	Sugar crops ¹²	Cotton	Tobacco	Oil crops ¹³
1977	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978	104	101	100	99	106	102	108	106	98	103	99	101	78	106	105
1979	111	104	103	101	114	113	116	108	108	107	105	94	102	80	129
1980	104	108	107	105	115	101	97	98	121	104	119	97	79	93	99
1981	118	109	106	108	119	117	121	106	144	111	111	107	109	108	114
1982	116	107	101	110	119	117	122	109	138	116	113	96	85	104	121
1983	96	109	104	114	120	88	67	100	117	107	110	93	55	75	91
1984	112	107	101	110	123	111	116	107	129	117	114	95	91	90	106
1985	118	110	102	117	128	118	134	106	121	122	119	97	94	81	117
1986	111	110	100	116	133	109	123	106	107	117	112	106	69	63	110
1987	110	113	102	116	144	108	106	102	107	126	137	111	103	62	108
1988	102	116	105	118	148	92	73	89	98	115	137	105	107	72	89
1989	114	116	105	117	153	107	108	101	107	130	129	105	86	71	106
1990	119	118	104	120	162	114	112	101	136	135	134	107	109	84	107
1991 ¹⁴	n.a.	n.a.	n.a.	n.a.	n.a.	111	106	103	104	n.a.	n.a.	112	122	87	114

¹ Production of livestock and livestock products for human use, horses and mules excluded. ² Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown. ³ Cattle and calves, sheep and lambs, and hogs. ⁴ Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. ⁵ Chicken eggs, commercial broilers, chickens, and turkeys. ⁶ Includes production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. ⁷ Corn for grain, oats, barley, and sorghum grain. ⁸ All hay, sorghum forage, corn silage, and sorghum silage. ⁹ All wheat, rye, and rice. ¹⁰ Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. ¹¹ Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years are based on year of bloom.

¹² Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup. ¹³ Soybeans, peanuts harvested for nuts, cottonseed, and flaxseed. ¹⁴ Preliminary. n.a. = not available.

Economic Research Service.

Table 551.—Livestock and livestock products: Production and value, United States, 1989-91

Product	Production ¹			Value of production		
	1989	1990	1991 ²	1989	1990	1991 ²
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves.....	40,240,800	40,388,144	41,412,497	28,030,566	30,228,640	30,550,672
Sheep and lambs.....	775,620	758,417	768,303	445,777	362,035	341,562
Hogs.....	21,941,772	21,347,218	22,791,177	9,294,438	11,375,689	11,094,827
Chickens ³	23,978,816	25,630,960	27,209,272	8,777,668	8,365,470	8,385,284
Turkeys.....	5,465,453	6,029,620	6,108,623	2,234,422	2,378,560	2,344,016
Milk.....	144,239,000	148,313,000	148,526,000	19,687,530	20,495,284	18,325,569
Wool (shorn).....	89,220	88,033	86,970	110,537	69,534	46,815
Mohair ⁴	15,400	14,500	14,800	24,794	13,775	19,388
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			
Eggs.....	67,236,000	67,889,000	68,958,000	3,861,469	4,010,791	3,886,810

¹ For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory. ² Preliminary. ³ Including commercial broiler production. Pounds sold replace production of chickens. ⁴ Texas only.

National Agricultural Statistics Service.

Table 552.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1976-90

[1977=100]

Year	Productivity ¹	Year	Productivity ¹	Year	Productivity ¹
1976.....	98	1981.....	116	1986.....	124
1977.....	100	1982.....	119	1987.....	124
1978.....	101	1983.....	100	1988.....	116
1979.....	105	1984.....	118	1989.....	130
1980.....	101	1985.....	129	1990 ²	135

¹ Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 550 by the index of total input in table 549. ² Preliminary.

Economic Research Service.

Table 553.—Labor: Indexes of farm production per hour, by farming regions, 1976-91 ¹

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pa-cific	United States
1976.....	102	79	96	88	104	111	94	93	107	106	97
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	109	102	105	104	106	110	104	92	109	99	104
1979.....	112	109	117	117	111	122	116	105	105	106	113
1980.....	116	115	112	102	106	106	95	95	117	115	109
1981.....	133	128	124	124	124	130	118	119	128	121	123
1982.....	134	133	123	129	127	139	127	112	126	116	125
1983.....	118	112	84	105	93	112	94	95	110	101	99
1984.....	83	80	95	125	159	258	154	92	113	197	121
1985.....	87	87	127	160	166	274	176	111	109	185	139
1986.....	88	96	114	166	166	221	178	118	140	166	139
1987.....	99	90	112	167	161	222	183	135	123	210	142
1988.....	93	80	108	145	165	243	204	108	141	211	135
1989.....	97	97	131	151	179	229	193	130	142	187	147
1990.....	91	91	117	171	165	230	197	120	136	187	142
1991 ²	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

¹ New, survey-based labor series. Not directly comparable to previous year's tables of labor usage. ² Preliminary. n.a.=Not available.

Economic Research Service.

Table 554.—Farm output: Index numbers by farming regions,¹ 1977-91

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacif-ic	United States
1977	100	100	100	100	100	100	100	100	100	100	100
1978	110	102	105	104	109	111	101	88	112	98	104
1979	109	105	115	116	106	120	111	103	106	109	111
1980	108	106	105	98	102	107	87	85	114	117	104
1981	119	112	115	121	123	127	112	112	127	123	118
1982	118	115	112	121	121	125	114	98	121	121	116
1983	110	97	80	101	91	109	89	86	114	113	96
1984	118	112	103	119	118	121	112	92	115	125	112
1985	119	115	122	129	115	122	107	97	109	123	118
1986	111	110	116	128	100	104	96	86	115	117	111
1987	106	105	108	122	99	108	104	91	118	132	110
1988	100	85	87	103	104	117	114	97	111	133	102
1989	109	109	113	112	114	118	107	92	121	135	114
1990 ²	112	114	115	132	116	115	115	103	126	140	119
1991	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

¹ For States included in regions, see footnote 1, table 582. ² Preliminary. n.a.=Not available.
Economic Research Service.

Table 555.—Cropland used for crops: Index numbers by farming regions,¹ 1977-91

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacif-ic	United States
1977	100	100	100	100	100	100	100	100	100	100	100
1978	99	97	97	96	101	99	100	93	100	101	97
1979	101	99	101	99	103	101	102	96	102	102	100
1980	102	101	102	99	104	101	102	98	103	104	101
1981	103	102	102	102	105	101	102	99	104	106	102
1982	103	101	101	102	105	100	100	96	102	103	101
1983	97	86	83	92	90	90	84	75	99	96	88
1984	101	100	99	101	101	98	95	85	105	100	99
1985	101	99	100	101	101	91	92	89	102	99	98
1986	97	94	95	99	94	79	84	83	103	95	94
1987	89	82	87	95	89	71	81	76	97	90	88
1988	85	83	89	93	85	71	83	73	92	87	87
1989	88	87	95	95	91	73	78	78	95	89	90
1990	86	87	94	96	91	70	81	81	93	89	90
1991 ²	84	87	94	97	89	69	78	76	92	86	89

¹ Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 582. ² Preliminary.
Economic Research Service

Table 556.—Crop production per acre of cropland used for crops: Index numbers by regions,¹ 1977-91

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1977	100	100	100	100	100	100	100	100	100	100	100
1978	109	102	108	110	109	114	100	88	109	95	105
1979	109	105	116	119	102	120	112	109	107	107	113
1980	104	100	102	92	95	102	81	79	111	113	100
1981	112	106	114	116	118	130	110	106	117	112	115
1982	114	114	117	120	120	133	118	91	116	115	116
1983	104	101	88	102	88	122	98	97	110	114	100
1984	116	110	105	118	116	129	118	100	107	121	112
1985	120	114	124	129	111	135	114	105	104	124	120
1986	113	114	124	131	96	122	106	93	112	122	116
1987	115	122	123	127	97	143	120	114	125	147	123
1988	101	80	85	100	106	154	133	119	114	149	106
1989	115	116	115	107	111	149	126	101	124	148	119
1990	126	125	120	133	115	142	132	114	131	154	127
1991 ²	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	125

¹ For States included in regions, see footnote 1, table 582. ² Preliminary. n.a. = not available
Economic Research Service.

Table 557.—Industrial production and income: Index numbers of production in selected lines, United States, 1977-91

Year	Industrial production ¹				
	Total	Manufacturing	Durable manufacturing	Nondurable manufacturing	Mining
	1987=100	1987=100	1987=100	1987=100	1987=100
1977	78.2	73.3	68.7	80.1	101.5
1978	82.6	77.8	73.9	83.5	104.6
1979	85.7	80.9	78.3	84.6	106.6
1980	84.1	78.8	75.7	83.1	110.0
1981	85.7	80.3	77.4	84.5	114.3
1982	81.9	76.6	72.7	82.5	109.3
1983	84.9	80.9	76.8	87.0	104.8
1984	92.8	89.3	88.4	90.8	111.9
1985	94.4	91.6	91.8	91.5	109.0
1986	95.3	94.3	93.9	94.9	101.0
1987	100.0	100.0	100.0	100.0	100.0
1988	105.4	105.8	107.6	103.6	101.8
1989	108.1	108.9	110.9	106.4	100.5
1990	109.2	109.9	111.6	107.8	102.6
1991 ²	107.1	107.5	107.1	107.9	101.1

¹ Data from Board of Governors of the Federal Reserve System. ² Preliminary.
Economic Research Service.

Table 558.—Marketing bill for U.S. farm foods, farm value, and consumer expenditures, 1977-91 ¹

Year	Total marketing bill	Farm value	Expenditures for farm foods	Year	Total marketing bill	Farm value	Expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1977.....	132.7	58.2	190.9	1985.....	259.0	86.4	345.4
1978.....	147.4	69.5	216.9	1986.....	270.8	88.8	359.6
1979.....	166.0	79.2	245.2	1987.....	285.1	90.4	375.5
1980.....	182.7	81.7	264.4	1988.....	301.9	96.8	398.8
1981.....	206.0	81.7	287.7	1989.....	315.6	103.8	419.4
1982.....	217.5	81.4	298.9	1990.....	343.6	106.2	449.8
1983.....	229.7	85.3	315.0	1991 ²	360.6	101.2	461.8
1984.....	242.2	89.8	332.0				

¹ The total marketing bill is the difference between total expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to food purchased by consumers that is not imported or exported. ² Preliminary.

Economic Research Service.

Table 559.—Marketing costs for farm food products, United States, 1977-91

Year	Labor ¹	Packaging materials	Intercity transportation, rail and truck	Fuels and electricity	Corporate profits before taxes	Other ²	Total marketing bill ³
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1977.....	58.3	15.1	9.7	6.0	8.0	35.6	132.7
1978.....	66.2	16.6	10.5	7.1	9.9	37.1	147.4
1979.....	75.2	18.6	11.8	8.2	10.0	42.3	166.0
1980.....	81.5	21.0	13.0	9.0	9.9	48.3	182.7
1981.....	91.0	22.6	14.3	10.0	9.7	58.4	206.0
1982.....	96.6	23.7	14.7	11.0	9.3	62.2	217.5
1983.....	102.4	24.7	15.4	11.7	9.6	65.9	229.7
1984.....	109.3	26.2	15.9	12.5	9.6	68.7	242.2
1985.....	115.6	26.9	16.5	13.1	10.4	76.5	259.0
1986.....	122.9	27.7	16.8	13.2	10.3	79.9	270.8
1987.....	130.0	29.9	17.2	13.6	11.1	83.3	285.1
1988.....	137.9	32.6	17.8	14.1	11.6	87.9	301.9
1989.....	145.1	35.2	18.6	14.8	12.2	89.7	315.6
1990.....	154.0	36.5	19.8	15.2	14.2	103.9	343.6
1991 ⁴	163.0	38.1	20.4	16.3	15.1	107.7	360.6

¹ Includes employee wages or salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. ² Includes depreciation, rent, advertising and promotion, interest, taxes, licenses, insurance, professional services, local for-hire transportation, food service in schools, colleges, hospitals, and other institutions, and miscellaneous items. ³ The marketing bill is the difference between the farm value or payments to farmers for foodstuffs and consumer expenditures for these foods both at foodstores and away from home eating places. Thus, it covers processing, wholesaling, transportation, and retailing costs and profits. ⁴ Preliminary.

Economic Research Service.

Table 560.—Price components for a market basket of farm-originated food products by food group, United States, 1977-91 ¹

Year	Market basket of food products				Bakery and cereal products			
	Retail cost ²	Farm value ³	Farm to retail spread ⁴	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	Index 1982-84=100	Index 1982-84=100	Index 1982-84=100	Percent	Index 1982-84=100	Index 1982-84=100	Index 1982-84=100	Percent
1977.....	66	72	63	37	62	72	61	12
1978.....	74	83	68	38	68	83	66	13
1979.....	82	92	77	38	75	95	72	14
1980.....	88	97	83	37	84	111	81	14
1981.....	95	99	92	36	92	109	90	13
1982.....	98	99	98	35	96	96	97	12
1983.....	99	97	100	34	100	101	99	12
1984.....	103	104	103	35	104	103	104	12
1985.....	104	96	108	32	108	94	110	11
1986.....	106	95	112	31	111	76	116	8
1987.....	112	97	119	30	115	71	121	8
1988.....	117	100	125	30	122	93	126	9
1989.....	125	107	134	30	132	102	137	9
1990.....	134	113	145	30	140	91	147	8
1991 ⁵	137	106	154	27	146	85	154	7

	Meat products				Fruits and vegetables, fresh			
	Index 1982-84=100	Index 1982-84=100	Index 1982-84=100	Percent	Index 1982-84=100	Index 1982-84=100	Index 1982-84=100	Percent
1977.....	65	70	60	53	62	70	59	31
1978.....	77	85	69	54	71	80	67	31
1979.....	90	97	84	52	76	79	75	29
1980.....	93	96	89	51	81	78	82	26
1981.....	96	97	95	49	91	97	89	29
1982.....	101	104	98	52	97	100	95	34
1983.....	99	97	102	49	96	90	99	31
1984.....	100	99	100	50	108	111	106	34
1985.....	99	91	107	47	110	101	115	30
1986.....	102	94	110	47	114	96	122	28
1987.....	110	101	118	47	128	113	136	29
1988.....	112	100	125	45	137	111	150	27
1989.....	117	104	130	45	148	117	164	26
1990.....	128	117	140	46	162	126	180	26
1991 ⁵	132	110	156	42	176	139	193	26

	Dairy products				Fats and oils			
	Index 1982-84=100	Index 1982-84=100	Index 1982-84=100	Percent	Index 1982-84=100	Index 1982-84=100	Index 1982-84=100	Percent
1977.....	70	72	68	50	71	95	62	36
1978.....	74	77	71	51	78	98	70	34
1979.....	83	88	78	52	84	106	75	34
1980.....	91	96	86	52	89	96	87	29
1981.....	97	102	93	51	99	100	98	27
1982.....	99	100	97	49	96	80	102	22
1983.....	100	100	100	48	97	96	98	27
1984.....	101	99	103	47	107	124	100	31
1985.....	103	95	110	44	109	104	111	26
1986.....	103	93	113	43	106	76	118	19
1987.....	106	93	118	42	108	74	121	18
1988.....	108	91	125	40	113	103	117	25
1989.....	116	99	131	41	121	96	131	21
1990.....	126	102	150	38	126	107	133	23
1991 ⁵	125	90	157	34	132	98	144	20

See footnotes at end of table.

Table 560.—Price components for a market basket of farm-originated food products by food group, United States, 1977-91 ¹—Continued

Year	Retail cost ²	Farm value ³	Farm to retail spread ⁴	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	Poultry				Fruits and vegetables, processed			
	Index 1982-84=100	Index 1982-84=100	Index 1982-84=100	Percent	Index 1982-84=100	Index 1982-84=100	Index 1982-84=100	Percent
1977.....	77	81	74	56	64	59	66	19
1978.....	85	92	76	58	71	88	67	25
1979.....	89	92	86	55	77	91	74	23
1980.....	94	96	91	55	83	97	79	23
1981.....	97	95	100	52	92	106	89	23
1982.....	96	91	101	51	97	100	97	24
1983.....	97	96	98	53	98	93	100	23
1984.....	107	113	101	56	104	107	103	24
1985.....	106	106	107	53	107	118	104	26
1986.....	114	115	113	54	105	102	106	23
1987.....	113	94	134	45	109	111	108	24
1988.....	121	110	133	49	118	137	112	28
1989.....	133	117	151	47	125	132	123	25
1990.....	132	108	161	44	133	144	129	26
1991 ⁵	132	102	165	42	130	121	133	22

¹ The market basket consists of foods that mainly originate on U.S. farms bought in foodstores in a base period, currently 1982-84. ² Indexes of retail cost are components of the Consumer Price Index published by the Bureau of Labor Statistics. ³ Gross return or payment to farmers for the farm products equivalent to foods in the market basket. ⁴ The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products. ⁵ Preliminary.

Economic Research Service.

Table 561.—Farm product prices: Marketing year average prices received by farmers and parity prices for January, United States, 1990 and 1991

Commodity and unit		Marketing year average price ¹		Parity price ³	
		1990 ²	1991 ²	1990 ²	1991 ²
		Dollars	Dollars	Dollars	Dollars
Basic commodities:					
Cotton:					
American Upland.....	pound	0.671	0.570	1.40	1.44
Extra long staple.....	pound	1.060	1.010	1.99	2.01
Wheat.....	bushel	2.61	3.00	7.71	7.84
Rice.....	cwt	6.70	7.70	20.70	21.30
Corn.....	bushel	2.28	2.40	5.45	5.59
Peanuts.....	pound	.349	.283	0.521	0.553
Tobacco:					
Flue-cured, types 11-14.....	pound	1.673	1.723	3.25	3.36
Va., fire-cured, type 21.....	pound	1.602	1.526	2.54	2.68
Ky.-Tenn., fire-cured, types 22-23.....	pound	1.952	2.134	3.21	3.43
Burley, type 31.....	pound	1.753	1.788	3.31	3.40
Maryland, type 32 ⁴	pound	1.811	1.602	2.64	2.75
Dark air-cured, types 35-36.....	pound	1.863	1.840	2.68	2.89
Sun-cured, type 37.....	pound	1.456	1.434	2.31	2.38
Pa., seedleaf, type 41.....	pound	1.390	1.430	1.61	1.80
Cigar binder type 51.....	pound	2.500	2.600	3.41	3.61
Puerto Rican filler, type 46.....	pound			2.16	2.23
Cigar filler types 54-55.....	pound	1.500	1.550	2.13	2.31
Designated nonbasic commodities:					
All milk, sold to plants.....	cwt	13.74	12.26	25.70	26.40
Fluid market.....	cwt	13.89	12.30		
Manufacturing grade.....	cwt	12.34	11.05		
Honey, all.....	pound	.537	.559	1.15	1.13
Wool and mohair:					
Wool ⁷	pound	.800	.550	3.14	3.31
Mohair ⁸	pound	.930	1.28	8.75	9.14

See footnotes at end of table.

Table 561.—Farm product prices: Marketing year average prices received by farmers and parity prices for January, United States, 1990 and 1991—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³	
	1990 ²	1991 ²	1990 ²	1991 ²
	Dollars	Dollars	Dollars	Dollars
Other nonbasic commodities:				
Field crops and miscellaneous:				
Barley.....	bushel....	2.14	2.10	4.83
Beans, dry edible.....	cwt.....	18.50	15.60	42.20
Cottonseed.....	ton.....	121.00	71.50	199.00
Crude pine gum.....	barrel.....	5.27	3.50	172.00
Flaxseed.....	bushel.....	5.27	3.50	11.40
Hay, all, baled.....	ton.....	80.60	71.00	140.00
Hops.....	pound.....	1.48	1.68	3.31
Oats.....	bushel.....	1.14	1.20	3.28
Peas, dry edible.....	cwt.....	12.10	8.00	21.50
Peppermint oil.....	pounds.....	13.90	13.40	22.50
Popcorn, shelled basis.....	cwt.....	6.08	5.05	10.60
Potatoes.....	bushel.....	2.09	2.20	4.26
Rye.....	cwt.....	3.79	4.15	9.13
Sorghum grain.....	bushel.....	5.74	5.60	12.20
Soybeans.....	pound.....	14.90	14.50	23.10
Spearmint oil.....	cwt.....	9.70	13.20	26.40
Sweetpotatoes.....	pound.....	21.00	18.00	27.30
Tobacco:				
Cigar wrapper, type 61.....	pound.....	21.00	18.00	27.30
Cigar wrapper, type 62.....	pound.....	21.00	18.00	27.30
Fruits:				
Citrus (equiv. on-tree): ⁹				
Grapefruit.....	box.....	5.28	7.19	7.46
Lemons.....	box.....	12.47	8.77	9.11
Limes, Florida.....	box.....	13.99	16.90	18.20
Oranges.....	box.....	7.35	10.60	11.00
Tangelos.....	box.....	6.31	8.51	8.84
Tangerines.....	box.....	17.44	16.60	17.30
Temple.....	box.....	5.94	8.51	8.84
Deciduous and other:				
Apples:				
For all sales.....	pound.....	0.151	0.181	0.308
For fresh consumption ¹⁰	pound.....	209	251	0.317
For processing ¹¹	ton.....	144.00	176.00	208.00
Apricots:				
For all sales.....	ton.....	340.00	407.00	1,820.00
For fresh consumption ¹⁰	ton.....	591.00	802.00	1,910.00
Dried, California (dried basis) ¹¹	ton.....	1,950.00	2,110.00	3,880.00
For processing (except dried) ¹¹	ton.....	276.00	289.00	531.00
Avocados ¹²	ton.....	1,320.00	1,000.00	1,410.00
Berries for processing (Washington and Oregon):				
Blackberries.....	pound.....			.769
Boysenberries/youngberries.....	pound.....			1.09
Gooseberries.....	pound.....			.748
Loganberries.....	pound.....			1.05
Raspberries, black.....	pound.....			1.32
Raspberries, red.....	pound.....			1.05
Cherries:				
Sweet.....	ton.....	894.00	960.00	1,380.00
Tart.....	pound.....	.181	.448	.539
Cranberries ¹³	barrel.....	46.10	49.00	82.70
Dates, California ¹²	ton.....	820.00	970.00	1,530.00
Figs, canned, California.....	ton.....	353.00	364.00	
Grapes:				
For all sales.....	ton.....	295.00	312.00	
Raisin varieties dried, California (dried basis) ¹¹	ton.....	902.00	947.00	1,750.00
Nectarines (California):				
For fresh consumption ¹²	ton.....			635.00
For processing ¹¹	ton.....			105.00

See footnotes at end of table.

Table 561.—Farm product prices: Marketing year average prices received by farmers and parity prices for January, United States, 1990 and 1991—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³	
	1990 ²	1991 ²	1990 ²	1991 ²
	Dollars	Dollars	Dollars	Dollars
Other nonbasic commodities—Con.				
Fruits—Con.				
Deciduous and other—Con.				
Olives (California): ¹³				
For all sales.....	ton...	423.00	562.00	
Crushed for oil.....	ton...	10.90	10.30	25.90
For all sales (except crushed).....	ton...	440.00	577.00	1,120.00
For canning.....	ton...	553.00	631.00	1,240.00
Peaches:				
For all sales.....	pound...	174	158	
For fresh consumption ¹⁴	pound...	264	212	463
Dried, California (dried basis) ¹¹	ton...	924.00	924.00	1,840.00
For processing California (except dried):				
Clingstone ¹⁵	ton...	214.00	218.00	355.00
Freestone ¹¹	ton...	183.00	190.00	320.00
Pears:				
For all sales.....	ton...	280.00	303.00	
For fresh consumption ¹⁰	ton...	360.00	385.00	575.00
Dried, California (dried basis) ¹¹	ton...	756.00	900.00	1,390.00
For processing (except dried) ¹¹	ton...	205.00	219.00	329.00
Plums (equiv. on-tree) (California):				
For all sales.....	ton...	603.00	449.00	
For fresh consumption.....	ton...			700.00
For processing.....	ton...			24.80
Pomegranates, California. Discontinued after the 1989 crop	ton...			
Prunes, dried (California) ¹¹	ton...	873.00	954.00	1,430.00
Prunes and plums (excl. California):				
For fresh consumption ¹⁴	ton...	250.00	335.00	717.00
For processing (except dried) ¹¹	ton...	102.00	219.00	212.00
Strawberries:				
For fresh consumption ¹⁶ (revised in Spring Veg. Rept.) ..	pound...	55.30	54.10	1.04
For processing ¹¹	pound...	28.70	27.40	.524
Seed crops:				
Alfalfa.....	cwt...			240.00
Bentgrass.....	cwt...			235.00
Chewings fescue (Oregon).....	cwt...			124.00
Crimson clover.....	cwt...			104.00
Hairy vetch.....	cwt...			72.10
Ladino clover.....	cwt...			307.00
Lespedeza.....	cwt...			103.00
Merion Kentucky bluegrass.....	cwt...			273.00
Orchardgrass.....	cwt...			88.90
Red clover.....	cwt...			149.00
Red fescue.....	cwt...			125.00
Tall fescue.....	cwt...			45.50
Timothy.....	cwt...			79.40
Sugar crops:				
Maple sirup.....	gallon...			
Sugarbeets.....	ton...	43.00	38.00	72.80
Sugarcane for sugar.....	ton...	30.70	28.90	56.70
Tree nuts: ¹⁶				
Almonds.....	pound...	.93	1.14	2.12
Hazelnuts.....	ton...	784.00	726.00	1,540.00
Pecans, all.....	ton...	1,210	1,040	2,490.00
Improved.....	ton...	1,280	1,140	
Seedling.....	ton...	.902	.835	
Walnuts.....	ton...	1,040.00	1,080.00	1,790.00
Vegetables for fresh market: ¹⁵				
Artichokes, California.....	cwt...			56.50
Asparagus.....	cwt...	68.60	78.90	137.00
Broccoli.....	cwt...	22.30	22.00	44.10
Cabbage.....	cwt...			17.10
Cantaloups.....	cwt...			26.40
Carrots.....	cwt...	12.00	14.60	18.90
Cauliflower.....	cwt...	25.20	27.10	49.00
Celery ¹⁷	cwt...	10.80	10.80	22.60
Cucumbers.....	cwt...			28.30

See footnotes at end of table.

Table 561.—Farm product prices: Marketing year average prices received by farmers and parity prices for January, United States, 1990 and 1991—Continued

Commodity and unit		Marketing year average price ¹		Parity price ³	
		1990 ²	1991 ²	1990 ²	1991 ²
		Dollars	Dollars	Dollars	Dollars
Other nonbasic commodities—Con.					
Vegetables for fresh market ¹⁵ —Con.					
Eggplant.....	cwt.....			29.90	31.10
Escarole.....	cwt.....			38.50	40.00
Garlic.....	cwt.....			36.40	37.80
Green peppers.....	cwt.....			44.70	46.40
Honeydew melons.....	cwt.....	18.00	18.40	26.70	28.20
Lettuce.....	cwt.....	11.50	11.40	23.70	24.60
Onions ¹⁷	cwt.....	10.50	12.50	21.60	22.00
Snap beans.....	cwt.....			56.00	58.10
Spinach.....	cwt.....			49.00	50.90
Sweet corn.....	cwt.....	15.00	17.10	25.70	27.30
Tomatoes.....	cwt.....	27.30	31.80	48.60	51.20
Watermelons.....	cwt.....			10.50	10.90
Vegetables for processing: ¹¹					
Asparagus.....	ton.....	987.00	955.00	1,840.00	1,890.00
Beets.....	ton.....			96.70	100.00
Cabbage.....	ton.....			74.60	77.50
Cucumbers.....	ton.....	209.00	210.00		
Green peas.....	ton.....	249.00	261.00	446.00	463.00
Lima beans.....	ton.....			331.00	364.00
Snap beans.....	ton.....	183.00	176.00	324.00	336.00
Spinach.....	ton.....			180.00	187.00
Sweet corn.....	ton.....	69.60	71.30	120.00	126.00
Tomatoes.....	ton.....	67.80	66.40	128.00	133.00
Livestock and livestock products:					
All beef cattle.....					
Cows.....	cwt.....	74.60	72.70	117.00	122.00
Steers and heifers.....	cwt.....	51.50	49.80		
	cwt.....	78.80	76.60		
Calves.....	cwt.....	95.60	98.00	139.00	146.00
Beeswax.....	pound.....			3.61	3.75
Chickens:					
Excluding broilers, live.....	pound.....	.093	.072		
Broilers, live.....	pound.....	.326	.308		
Eggs.....	dozen.....	709	676	1.19	1.24
Hogs.....	cwt.....	53.70	49.10	90.30	95.40
Lambs.....	cwt.....	55.50	52.20	129.00	130.00
Milk cows ¹⁸	head.....	1,160.00	1,100.00		
Milk, retail ¹⁹	quart.....	520	557		
Sheep.....	cwt.....	23.20	19.70	45.90	47.30
Turkeys, live.....	pound.....	.394	.384	.788	.802

¹ Marketing year average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov.-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighing State prices by quantities sold, or by production for those commodities for which virtually all the production is sold. ² Preliminary. ³ Parity prices are for January of the year shown as published in the January issue of Agricultural Prices. ⁴ Crop is sold during year following production. ⁵ Estimates discontinued. ⁶ Previous year. ⁷ Average local market price for wool sold excluding incentive payment. ⁸ Average local market price for mohair sold excluding incentive payment. Texas only prior to 1988. ⁹ Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest begins. Thus the prices shown for 1988 relate to the citrus crop designated as 1988-89 in the production reports. ¹⁰ Equivalent packinghouse-door returns for California, Oregon (except peaches), Washington, and New York (apples only starting 1985), and prices as sold for other States. ¹¹ Equivalent returns at processing plant-door. ¹² Equivalent returns at packinghouse-door. ¹³ Equivalent per unit returns for bulk fruit at first delivery point. ¹⁴ Average price as sold. ¹⁵ FOB Shipping point. ¹⁶ Prices are in-shell basis except almonds which are shelled basis. ¹⁷ Includes some processing. ¹⁸ Simple average of States weighted by estimated Jan. 1 head for U.S. average. ¹⁹ Sold by farmers directly to consumers. n.a. not available.

National Agricultural Statistics Service.

Table 562.—Producer prices: Index numbers, by groups of commodities, United States, 1983-90

[1982=100]

Year	Total finished goods	Consumer foods	Finished goods ¹	Total consumer goods	Total intermediate materials	Total crude materials
1983 ²	101.6	101.0	101.8	101.2	100.6	101.3
1984	103.7	105.4	103.2	102.2	103.1	103.5
1985	104.7	104.6	104.6	103.3	102.7	95.8
1986	103.2	107.3	101.9	98.5	99.1	87.7
1987	105.4	109.5	104.0	100.7	101.5	93.7
1988	108.0	112.6	106.5	103.1	107.1	96.0
1989	113.6	118.7	111.8	108.9	112.0	103.1
1990 ³	119.2	124.4	117.4	115.3	114.5	108.9

¹ Excluding consumer foods. ² Data prior to 1982 available from Department of Labor. ³ Preliminary. Economic Research Service. Compiled from reports of the U.S. Department of Labor.

Table 563.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1977-91

[1910-14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market ¹	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Live-stock and live-stock products	All farm products	Parity ratio ²
1977	275	316	511	972	652	370	362	498	658	363	433	564	594	228	481	457	66
1978	336	320	466	1,061	608	509	522	522	695	379	456	757	647	243	595	524	70
1979	403	360	490	1,145	670	534	546	548	717	333	501	937	736	252	708	602	71
1980	452	417	583	1,219	664	458	462	562	722	469	539	878	798	254	691	614	65
1981	456	446	566	1,363	718	480	478	677	887	643	580	848	842	264	688	633	60
1982	401	378	469	1,489	575	647	673	629	790	455	524	876	831	252	696	609	55
1983	407	452	531	1,505	663	475	474	649	847	445	554	831	830	270	679	615	56
1984	394	459	554	1,484	708	747	794	661	873	570	599	854	823	308	701	649	58
1985	365	385	474	1,492	546	666	693	642	807	448	519	802	779	271	654	585	52
1986	300	309	462	1,339	502	627	642	650	811	411	461	817	766	293	666	561	51
1987	282	268	503	1,255	518	673	711	724	969	458	459	921	764	244	703	578	52
1988	378	378	485	1,260	704	686	714	699	892	449	545	949	747	269	722	631	54
1989	428	404	503	1,451	665	717	740	721	948	673	580	983	829	313	770	673	55
1990	338	388	548	1,483	611	694	714	707	950	687	548	1,088	837	298	820	681	54
1991 ³	316	371	553	1,559	594	992	1,059	677	927	508	561	1,047	747	282	776	666	51

¹ Fresh market for noncitrus, and fresh market and processing for citrus. ² Ratio of Index of Prices Received to the Parity Index; (Index of prices paid by farmers for commodities and services, interest, taxes, and farm wage rates). ³ Preliminary.

National Agricultural Statistics Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971-73. (See table 566 for data on 1977=100 basis.)

Table 564.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1977-91

[1977=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market ¹	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweet-potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Live-stock and live-stock products	All farm products	Ratio ²
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	122	101	91	109	93	137	144	105	106	104	105	134	109	106	124	115	106
1979.....	147	114	96	118	103	144	151	110	109	92	116	166	124	111	147	132	107
1980.....	165	132	114	125	102	124	128	113	110	129	125	156	135	112	144	134	97
1981.....	166	141	111	140	110	130	132	136	135	177	134	150	142	116	143	139	93
1982.....	146	120	92	153	88	175	186	126	120	125	121	155	140	110	145	133	84
1983.....	148	143	104	155	102	128	131	130	129	123	128	147	140	118	141	135	84
1984.....	144	145	108	153	109	202	220	133	133	157	138	151	139	135	146	142	87
1985.....	133	122	93	153	84	180	192	129	122	124	120	142	131	119	136	128	79
1986.....	109	98	91	138	77	169	177	130	123	114	107	145	129	128	138	123	77
1987.....	103	85	99	129	79	182	196	145	147	126	106	163	129	107	146	127	78
1988.....	138	120	95	130	108	185	197	140	136	124	126	168	126	118	150	138	81
1989.....	156	128	98	149	102	194	205	145	144	186	134	174	140	137	160	147	83
1990.....	123	123	107	152	94	188	197	142	144	189	127	193	141	131	170	149	81
1991 ³	115	118	108	161	91	268	299	136	141	140	130	186	126	123	161	146	77

¹ Fresh market for noncitrus, and fresh market and processing for citrus. ² Ratio of Index of Prices Received (1977=100) to Index of Prices Paid (1977=100). ³ Preliminary.

National Agricultural Statistics Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971-73.

Table 565.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1977-91

[1977=100]

Year	Production indexes											Inter-est	Taxes	Wage rates ¹	Pro-duction, inter-est, taxes, and wage rates	Com-modities, inter-est, taxes, and wage rates ²
	Pro-duction (all commodities)	Feed	Feed-er live-stock	Seed	Fer-ti-lizer	Agricul-tural chemicals	Fuels and ener-gy ²	Farm and motor supplies	Autos and trucks	Trac-tors and self-propelled machinery	Other machinery	Build-ing and fencing	Farm services and cash rent			
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	108	98	140	105	100	94	105	104	106	109	108	108	107	117	100	109
1979.....	125	110	185	110	108	96	137	115	117	122	119	118	117	143	107	125
1980.....	138	123	177	118	134	102	188	134	123	136	132	128	144	174	115	139
1981.....	148	134	164	138	144	111	213	147	143	152	146	134	157	211	123	151
1982.....	153	122	164	141	144	119	210	152	159	165	160	135	169	242	124	158
1983.....	152	134	160	141	137	125	202	152	170	174	171	138	145	250	129	159
1984.....	155	135	154	151	143	128	201	147	182	181	180	138	152	248	133	164
1985.....	151	116	154	152	135	128	201	146	193	178	183	136	151	228	133	162
1986.....	144	108	153	148	124	127	162	142	198	174	182	136	147	211	134	159
1987.....	148	103	179	148	118	124	164	142	208	174	185	137	149	189	144	162
1988.....	157	128	192	150	130	127	167	145	215	181	197	138	151	182	147	170
1989.....	165	136	194	165	137	132	180	151	223	193	208	141	161	176	151	178
1990.....	171	128	213	165	131	139	204	154	231	202	216	144	166	173	156	184
1991.....	173	123	214	163	134	161	203	157	244	211	226	146	170	172	160	189

¹ Simple average of seasonally adjusted quarterly indexes. ² Family Living component included.
National Agricultural Statistics Service.

Table 566.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1977-91 ¹

[1910-14=100]

Year	Family living indexes							Production indexes					
	Family living (all commodities) ¹	Food	Clothing	Housing ²	Autos and auto supplies	Medical and health care ²	Education, recreation, and other ²	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1977 ³	576	(*)	(*)	(*)	(*)	(*)	(*)	579	398	611	621	266	434
1978	616	(*)	(*)	(*)	(*)	(*)	(*)	628	390	853	650	265	407
1979	683	(*)	(*)	(*)	(*)	(*)	(*)	720	436	1,129	681	287	415
1980	776	(*)	(*)	(*)	(*)	(*)	(*)	798	491	1,084	736	357	443
1981	858	(*)	(*)	(*)	(*)	(*)	(*)	855	532	1,004	858	383	480
1982	914	(*)	(*)	(*)	(*)	(*)	(*)	886	484	1,002	877	384	518
1983	944	(*)	(*)	(*)	(*)	(*)	(*)	883	532	975	878	365	543
1984	985	(*)	(*)	(*)	(*)	(*)	(*)	900	539	941	939	381	556
1985	1,019	(*)	(*)	(*)	(*)	(*)	(*)	874	461	941	949	358	554
1986	1,040	(*)	(*)	(*)	(*)	(*)	(*)	835	430	934	918	329	549
1987	1,076	(*)	(*)	(*)	(*)	(*)	(*)	854	408	1,092	925	314	538
1988	1,119	(*)	(*)	(*)	(*)	(*)	(*)	911	508	1,168	931	346	549
1989	1,169	(*)	(*)	(*)	(*)	(*)	(*)	958	539	1,184	1,027	362	574
1990	1,229	(*)	(*)	(*)	(*)	(*)	(*)	988	509	1,300	1,024	349	602
1991	1,243	(*)	(*)	(*)	(*)	(*)	(*)	1,003	489	1,306	1,012	357	653

Year	Production indexes—Continued							Interest	Taxes	Wage rates ⁵	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates ⁶
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent ⁴					
1977	357	441	1,151	1,205	1,120	928	674	1,688	1,614	1,915	743	689
1978	376	458	1,218	1,315	1,211	1,001	720	1,981	1,612	2,053	806	745
1979	488	506	1,343	1,466	1,332	1,099	791	2,420	1,730	2,262	926	848
1980	672	592	1,417	1,640	1,483	1,185	970	3,021	1,859	2,421	1,030	949
1981	762	647	1,650	1,831	1,637	1,241	1,059	3,578	1,988	2,626	1,118	1,035
1982	750	671	1,834	1,982	1,789	1,254	1,141	4,101	1,998	2,760	1,172	1,090
1983	722	668	1,957	2,100	1,913	1,281	980	4,232	2,085	2,836	1,176	1,104
1984	718	649	2,097	2,179	2,010	1,275	1,025	4,199	2,142	2,872	1,195	1,129
1985	718	638	2,219	2,142	2,051	1,263	1,016	3,866	2,143	2,934	1,157	1,114
1986	578	626	2,273	2,095	2,035	1,255	993	3,573	2,157	3,049	1,112	1,093
1987	586	626	2,392	2,098	2,097	1,261	1,007	3,200	2,326	3,174	1,126	1,113
1988	596	636	2,472	2,175	2,220	1,282	1,015	3,082	2,375	3,267	1,185	1,167
1989	643	665	2,567	2,320	2,328	1,306	1,085	2,989	2,442	3,538	1,240	1,220
1990	727	679	2,661	2,441	2,419	1,334	1,120	2,934	2,510	3,647	1,275	1,265
1991	727	695	2,806	2,541	2,533	1,350	1,146	2,915	2,582	3,824	1,295	1,298

¹ Beginning 1977, based on Consumer Price Index-Urban of Bureau of Labor Statistics. ² Based on Consumer Price Indexes of Bureau of Labor Statistics. ³ Discontinued. ⁴ New index, values for years prior to 1973 are not available. ⁵ Simple average of seasonally adjusted quarterly indexes. ⁶ The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910-14=100 base.

National Agricultural Statistics Service.

Table 567.—Prices paid by farmers: Prices, by commodities, United States, 1987-91 ^{1 2}

Commodity and unit	1987	1988	1989	1990	1991
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
Building materials:					
Framing lumber, 2 by 4 inches, per 1,000 board feet:					
Pine, Standard and better.....	369.00	366.00	364.00	365.00	370.00
Fir, Standard and better.....	392.00	394.00	402.00	404.00	410.00
Boards, per 1,000 board feet:					
Rough, for farm fences and construction.....	499.00	511.00	520.00	537.00	550.00
Dressed, 1-inch, pine S4S, standard and better or No. 2 and better ³	674.00	702.00	722.00	726.00	742.00
Nails, 8d, common, per pound.....	.650	.660	.665	.686	.699
Roofing, galvanized steel, per 100 square feet.....	41.40	42.70	43.90	45.50	46.00
Shingles, fiberglass, per square.....	24.00	23.40	23.70	23.80	24.40
Insulating sheathing, (asphalt-treated) regular density, ½-inch, per sheet 4 feet by 8 feet.....	5.44	5.44	5.40	5.34	5.29
Concrete blocks, per 100.....	96.30	99.10	99.80	102.00	103.00
Portland cement, per 94 pounds.....	6.29	6.36	6.43	6.50	6.59
Paint, house, exterior, latex per gallon ⁴	15.80	16.00	16.40	16.80	17.30
Barbed wire, 2-point, per 80-rod spool.....	33.70	33.80	34.20	35.00	35.60
Barbed wire, 4-point, per 80-rod spool.....	36.60	36.90	37.50	37.60	38.50
Posts, wood, farm line fence, each.....	3.48	3.57	3.60	3.61	3.65
Posts, steel, each.....	2.50	2.46	2.57	2.65	2.64
Staples, fence, per pound.....	.716	.727	.744	.760	.782
Woven wire fencing, 32-inch, per 20-rod roll.....	72.20	71.60	73.00	74.50	75.30
Iron pipe, galvanized, 1¼-inch, I.D., per foot.....	1.98	2.03	2.08	2.18	2.23
Plastic tubing, 1-inch, I.D., per foot.....	.262	.316	.315	.295	.291
Fuels and energy:					
Fuel, per gallon:					
Diesel fuel.....	.711	.729	.761	.944	.872
Gasoline, service station, unleaded regular.....	.940	.941	1.04	1.15	1.17
Gasoline, bulk delivery, leaded regular.....	.919	.927	1.05	1.17	1.19
L. P. gas, bulk delivery.....	.592	.586	.583	.832	.750
Electricity, per kilowatt hour.....	(16)	(16)	(16)	(16)	(16)
Motor supplies:					
Grease, 35 lb. pail.....	31.60	31.60	32.10	33.60	35.90
Motor oil, per gallon:					
All weather, high detergent.....	4.83	4.86	4.96	5.07	5.36
Heavy duty, detergent.....	4.63	4.65	4.73	4.83	5.15
Regular, nondetergent.....	4.33	4.33	4.43	4.55	4.84
Spark plugs, each.....	1.77	1.80	1.87	1.97	2.00
Storage batteries, CPR 220-310 amps, each.....	47.80	49.00	48.80	49.20	49.80
Tires:					
Auto tires, bias-belted const., E78-14, tubeless each ⁵	41.50	41.60	43.20	44.30	45.50
Auto tires, radial, steel-belted, P/195/75R14/ER78-14 tubeless, each ⁶	54.20	53.40	54.30	54.40	54.90
Truck tires, 10.00-20, load range F, each.....	201.00	200.00	208.00	211.00	214.00
Tractor tires, rear, 15.5-38, 6-ply, each.....	280.00	288.00	303.00	310.00	321.00
Tractor tires, rear, 18.4-34, 6-ply, each.....	398.00	404.00	430.00	443.00	454.00
New motor vehicles:					
Autos, 4-door sedans:					
Compact ⁷	9,750.00	9,970.00	10,200.00	10,600.00	11,100.00
Intermediate size ⁸	12,300.00	12,800.00	13,400.00	14,000.00	14,800.00
Standard ⁹	15,100.00	15,800.00	16,800.00	18,000.00	19,300.00
New trucks:					
2-ton, cab and chassis, each ¹⁰	20,400.00	20,200.00	20,500.00	20,400.00	21,700.00
¾-ton pickup ¹¹	12,400.00	12,900.00	13,500.00	14,300.00	15,400.00
Tractors:					
2-wheel, 30-39 P.T.O. or belt horsepower.....	11,100.00	11,450.00	12,100.00	12,600.00	13,000.00
2-wheel, 50-59 P.T.O. or belt horsepower.....	16,600.00	17,000.00	17,400.00	17,700.00	18,500.00
2-wheel, 110-129 P.T.O. or belt horsepower.....	38,900.00	40,100.00	45,100.00	45,400.00	47,000.00
4-wheel, 170-240 P.T.O. or belt horsepower.....	74,700.00	75,800.00	78,900.00	78,200.00	81,100.00

See footnotes at end of table.

Table 567.—Prices paid by farmers: Prices, by commodities, United States, 1987-91 ^{1 2}—
Continued

Commodity and unit	1987	1988	1989	1990	1991
	Dollars	Dollars	Dollars	Dollars	Dollars
Farm machinery:					
Flows, moldboard, 3-bottom, each	2,610.00	2,750.00	3,080.00	3,240.00	3,320.00
Flows, moldboard, 5-bottom, each	6,590.00	7,180.00	7,640.00	8,200.00	8,460.00
Flows, moldboard, 7-bottom, each	9,750.00	10,200.00	10,900.00	11,900.00	12,500.00
Disk harrows, tandem, 16-ft., each	7,600.00	8,010.00	8,730.00	9,140.00	9,330.00
Disk harrows, tandem, 19-ft., each	9,800.00	10,500.00	11,600.00	11,900.00	12,400.00
Cultivators, 4-row, front or rear mounted, each	2,510.00	2,750.00	2,960.00	3,070.00	3,210.00
Corn planters, 4-row, plain, each	7,390.00	7,960.00	8,310.00	8,720.00	9,140.00
Grain drills, tractor-drawn, 16-tube, plain, each	5,750.00	5,990.00	6,260.00	6,470.00	6,800.00
Grain drills, tractor-drawn, 13-tube, with fertilizer attachment, each	5,730.00	6,030.00	6,120.00	6,880.00	7,240.00
Mowers, tractor, 7-ft., each	2,640.00	2,800.00	3,010.00	3,170.00	3,320.00
Pick-up balers, automatic tie, P.T.O., each ¹²	9,840.00	10,300.00	10,700.00	11,000.00	11,600.00
Combines, self-propelled:					
Medium capacity, each	63,500.00	67,000.00	76,600.00	80,200.00	85,600.00
Large capacity, each	83,800.00	87,700.00	93,700.00	101,100.00	106,000.00
Corn picker-huskers, 2-row, each	13,400.00	12,900.00	13,400.00	13,000.00	12,600.00
Farm wagons, without box and tires, each	1,070.00	1,140.00	1,190.00	1,230.00	1,270.00
Power sprayers, boom type, tr. mtd., each	2,270.00	2,520.00	2,720.00	2,750.00	2,800.00
Farm supplies:					
Electric motors, ½-horsepower, each	82.90	80.50	82.80	85.90	87.40
Hammers, nail, 16 oz. head, with handle, each	12.50	12.40	13.00	13.30	13.40
Pitchfork, 4-tine, each	20.20	20.60	22.30	22.30	23.00
Hoes, 6-inch blade, each ¹³	10.30	10.50	10.80	11.00	11.30
Metal pails, 12 quarts, each ¹⁴	5.75	5.74	5.85	6.23	6.45
Rope, polypropylene, ½-inch, per 100 feet ¹⁵	20.40	20.40	20.80	21.50	21.90
Baler twine, per 40-pound bale	18.40	19.90	21.70	23.40	24.20
New baskets, round stave, bushel, with cover, per dozen	(1 ⁶)	(1 ⁶)	(1 ⁶)	(1 ⁶)	(1 ⁶)
Farm services:					
Telephone, per month	(1 ⁶)	(1 ⁶)	(1 ⁶)	(1 ⁶)	(1 ⁶)
Fertilizer:					
Mixed fertilizer:					
0-20-20, per ton	156.00	177.00	179.00	175.00	177.00
3-9-9, per ton	159.00	158.00	156.00	153.00	164.00
4-8-12, per ton	158.00	165.00	173.00	173.00	182.00
5-10-10, per ton	128.00	138.00	144.00	143.00	147.00
5-10-15, per ton	139.00	150.00	153.00	150.00	150.00
5-20-20, per ton	158.00	176.00	182.00	175.00	177.00
6-24-24, per ton	177.00	202.00	210.00	198.00	204.00
10-10-10, per ton	142.00	151.00	162.00	159.00	161.00
12-12-12, per ton	170.00	178.00	184.00	181.00	189.00
16-20-0, ammonium phosphate, per ton	207.00	215.00	222.00	220.00	220.00
18-46-0, per ton	219.00	245.00	244.00	221.00	232.00
Nitrate of soda, per ton	203.00	204.00	207.00	214.00	192.00
Sulphate of ammonia, per ton	145.00	142.00	152.00	154.00	152.00
Ammonium nitrate, per ton	158.00	164.00	182.00	180.00	183.00
Superphosphate, 44-46% P ₂ O ₅ , per ton	194.00	218.00	221.00	203.00	213.00
Muriate of potash, 60% K ₂ O, per ton	118.00	152.00	159.00	153.00	153.00
Agricultural limestone, spread on field, per ton	16.50	16.30	15.90	16.40	17.60
Livestock:					
Feeders and stockers:					
Cattle and calves, per 100 pounds	70.40	78.00	79.20	84.90	86.80
Pigs (40-60 lbs. av.), per 100 pounds	104.00	77.00	69.80	109.00	99.90
Broiler chicks, per 100	18.40	17.00	17.40	18.40	17.80
Egg-type chicks, per 100	51.10	50.70	50.40	50.80	51.10
Turkey poults, each	.929	.939	.976	1.02	1.02

See footnotes at end of table.

Table 567.—Prices paid by farmers: Prices, by commodities, United States, 1987-91 ^{1 2} —
Continued

Commodity and unit	1987	1988	1989	1990	1991
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Feed:					
Cottonseed meal, 41% protein, per 100 pounds.....	12.90	14.80	15.40	14.80	14.00
Soybean meal, 44% protein, per 100 pounds.....	11.90	15.70	15.60	13.10	12.80
Bran, per 100 pounds.....	8.79	9.88	10.90	10.80	10.70
Middlings, per 100 pounds.....	7.61	8.90	9.43	9.54	9.21
Cornmeal, per 100 pounds.....	6.03	6.90	7.38	7.39	7.42
Laying feed, per ton ¹⁷	169.00	203.00	209.00	200.00	195.00
Broiler grower, per ton ¹⁷	186.00	220.00	236.00	218.00	208.00
Chick starter, per ton ¹⁷	191.00	228.00	240.00	225.00	221.00
Dairy feed:					
14 percent protein, per ton.....	143.00	169.00	176.00	172.00	168.00
16 percent protein, per ton.....	154.00	182.00	189.00	182.00	176.00
18 percent protein, per ton.....	163.00	195.00	200.00	192.00	186.00
20 percent protein, per ton.....	166.00	201.00	203.00	192.00	187.00
32 percent protein, per ton.....	248.00	301.00	309.00	280.00	279.00
Stock salt, per 50 pounds.....	3.29	3.33	3.39	3.49	3.58
Seeds:					
Barley, per bushel.....	4.56	4.55	5.58	5.42	4.73
Corn, hybrid, per bushel.....	(¹⁶)	(¹⁶)	(¹⁶)	(¹⁶)	(¹⁶)
Corn, hybrid, 80,000 kernels.....	65.10	64.40	69.60	70.30	70.10
Oats, per bushel.....	3.90	4.28	5.51	4.62	3.83
Potatoes, per 100 pounds.....	7.62	7.33	9.73	10.90	10.00
Rye, per bushel.....	(¹⁶)	(¹⁶)	(¹⁶)	(¹⁶)	(¹⁶)
Soybeans, per bushel.....	11.20	11.80	14.00	13.00	12.70
Wheat, per bushel.....	5.66	5.81	6.50	6.22	5.05
Grain sorghum, hybrid, per 100 pounds.....	64.50	65.20	68.50	69.80	70.90
Alfalfa, uncertified, per 100 pounds.....	172.00	194.00	195.00	163.00	170.00
Alfalfa, certified, per 100 pounds.....	221.00	260.00	269.00	252.00	263.00
Red clover, per 100 pounds.....	153.00	147.00	157.00	145.00	137.00
Lespedeza, Korean, per 100 pounds.....	72.20	67.60	67.40	63.90	64.50
Sudangrass, per 100 pounds.....	44.30	42.50	44.50	47.10	48.00
Timothy, per 100 pounds.....	99.80	126.00	132.00	94.60	70.30

¹ Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas. ² Family living surveys for food, clothing, and household furnishings were discontinued in 1977. ³ Pine added to description in 1980. ⁴ Latex added to description in 1980. ⁵ G78-15 prior to 1981.

⁶ 205-15, GR78-15 prior to 1980. ⁷ Chevrolet Cavalier, Ford Tempo, Plymouth Acclaim, or comparable models.

⁸ Chevrolet Celebrity, Ford Taurus, or comparable models. ⁹ Chevrolet Caprice, Ford Crown Victoria, Buick LeSabre Limited, or comparable models. ¹⁰ Coverage includes Ford and Chevrolet. ¹¹ Coverage includes Ford, Chevrolet, and Dodge. ¹² "Conventional size bales, under 200 lbs." added in 1976. ¹³ Beginning Feb. 1985, changed to 6-inch blade. ¹⁴ Prior to 1980, "Milk Pails." ¹⁵ Prior to 1980, "manila rope, ½ in., per 100 ft."

¹⁶ Discontinued. ¹⁷ Specifications call for "complete feed."

National Agricultural Statistics Service.

Table 568.—Agricultural commodity support prices

Commodity and unit	1977 ²	1978 ³	1979 ³	1980 ³	1981 ³	1982 ³
MANDATORY ⁴	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Basic commodities:						
Corn:						
Support level..... bushel.....	2.00	2.10	2.20	2.35	2.40	2.70
Loan rate..... do.....	2.00	2.00	2.10	2.25	2.40	2.55
Cotton:						
American upland: ⁵						
Support level..... pound.....	.4780	.5200	.5770	.5840	.7087	.7100
Loan rate..... do.....	.4463	.4800	.5023	.4800	.5246	.5708
Extra-long staple:						
Support level..... do.....	.7670	.8320	.9295	.9350	.9900	.9989
Loan rate..... do.....	.7670	.8320	.9295	.9350	.9900	.9989
Peanuts..... do.....	.2153	⁶ .2100	⁶ .2100	⁶ .2275	⁶ .2275	⁶ .2750
Rice:						
Support level..... cwt.....	8.25	8.53	9.05	9.49	10.68	10.85
Loan rate..... cwt.....	6.19	6.40	6.79	7.12	8.01	8.14
Wheat:						
Support level..... bushel.....	⁷ 2.90	3.40	3.40	3.63	3.81	4.05
Loan rate..... do.....	2.25	2.35	2.50	3.00	3.20	3.55
Tobacco:						
Flue-cured, types 11-14..... pound.....	1.138	1.210	1.293	1.415	1.587	1.699
Fire-cured, type 21..... do.....	.795	.846	.903	.989	1.110	1.188
Fire-cured, types 22-23..... do.....						¹¹ 1.230
Burley, type 31..... do.....	1.173	1.247	1.333	1.459	1.636	1.751
Dark air-cured, types 35-36..... do.....	.707	.752	.804	.880	.987	1.057
Virginia sun-cured, type 37..... do.....	.707	.752	.804	.880	.987	1.094
Cigar filler, Puerto Rican, type 46..... do.....	.609	.647	.692	.757	.849	.909
Cigar binder, types 51-52..... do.....	.812	.863	.923	1.010	1.133	1.212
Ohio filler and Wisconsin binder types 42-44 and 53-55..... do.....	.586	.623	.667	.729	.818	.907
Nonbasic commodities:						
Milk for manufacturing..... cwt.....	9.00	9.87	11.49	13.10	13.10	13.10
Honey, extracted..... pound.....	.327	.368	.439	.503	.574	.604
Mohair..... do.....	1.498	1.647	1.943	2.903	3.718	3.977
Tung nuts..... ton.....						
Wool..... pound.....	.99	1.08	1.15	1.23	1.35	1.37
Barley: ⁸						
Support level..... bushel.....	2.15	2.25	2.40	2.55	2.60	2.60
Loan rate..... do.....	1.63	1.63	1.71	1.83	1.95	2.08
Sorghum grain: ⁸						
Support level..... cwt.....	4.07	4.07	4.18	4.46	4.55	4.64
Loan rate..... cwt.....	3.39	3.39	3.57	3.82	4.07	4.32
Oats: ⁸						
Support level..... bushel.....						⁸ 1.50
Loan rate..... do.....	1.03	1.03	1.08	1.16	1.24	1.31
Rye ⁸						
Support level..... bushel.....	1.70	1.70	1.79	1.91	2.04	2.17
NONMANDATORY						
Nonbasic commodities:						
Beans, dry edible..... cwt.....	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Cottonseed ¹⁰ ton.....	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
Minor oilseeds ¹³ pound.....						
Soybeans..... do.....	3.50	4.50	4.50	5.02	5.02	5.02
Sugar, raw..... pound.....	.1350	.1473	.1300	(⁹)	(⁹)	.1700

¹ National averages during the marketing years for the individual crops, beginning in the years shown.

² Support level represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

³ Support level for 1975 through 1987 represents the statutory established price (the so-called target price) except for extra-long staple cotton which began in 1984.

⁴ Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

⁵ 1½ strict low middling, micronaire 3.5 through 4.9.

per unit, United States, 1977-92 ¹

1983 ²	1984 ²	1985 ²	1986 ²	1987 ²	1988 ²	1989 ²	1990 ²	1991 ²	1992 ²
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
2.86	3.03	3.03	3.03	3.03	2.93	2.84	2.75	2.75	2.75
2.65	2.55	2.55	1.92	1.82	1.77	1.65	1.57	1.62	1.72
.7600	.8100	.8100	.8100	.7940	.7590	.7340	.7290	.7290	.7290
.5500	.5500	.5730	.5500	.5225	.5180	.5000	.5027	.5077	.5235
.9625	.9900	1.0314	1.0248	.9770	.9570	.9670	.9810	.9960	1.058
.9625	.8250	.8595	.8540	.8140	.8092	.8177	.8177	.8299	.8815
6.2750	6.2750	6.2795	6.3037	6.3037	6.3076	6.3079	6.3157	.3214	.....
11.40	11.90	11.90	11.90	11.66	11.15	10.80	10.71	10.71	.....
8.14	8.00	8.00	7.20	6.84	6.63	6.50	6.50	6.50	.....
4.30	4.38	4.38	4.38	4.38	4.23	4.10	4.00	4.00	4.00
3.65	3.30	3.30	2.40	2.28	2.21	2.05	1.95	2.04	2.21
1.699	1.699	1.699	1.438	1.435	1.442	1.468	1.488	1.528	.....
1.188	1.188	1.188	1.200	1.196	1.171	1.191	1.262	1.332	.....
1.230	1.230	1.230	1.242	1.238	1.213	1.226	1.297	1.367	.....
1.751	1.751	1.488	1.488	1.488	1.500	1.532	1.558	1.584	.....
1.057	1.057	1.047	1.054	1.054	1.032	1.044	1.107	1.169	.....
1.094	1.094	1.094	1.060	1.056	1.034	1.052	1.115	1.177	.....
.909	.740	.740	.750	.747	.731	.740	.778	.813	.....
1.212	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	.....
.907	.907	.907	.877	.914	.895	.909	.962	1.014	.....
13.10	12.60	11.60	11.60	11.10	10.60	10.60	10.10	10.10	.....
.622	.658	.653	.640	12.610	.591	.5636	.5377	.538	.....
4.627	5.169	4.430	4.930	4.950	4.690	4.588	4.532	4.448	.....
1.53	1.65	1.65	1.78	1.81	1.78	1.77	1.82	1.88	.....
2.60	2.60	2.60	2.60	2.60	2.51	2.43	2.36	2.36	2.36
2.16	2.08	2.08	1.56	1.49	1.44	1.34	1.28	1.32	1.40
4.86	5.14	5.14	5.14	5.14	4.96	4.82	4.66	4.66	4.66
4.50	4.32	4.32	3.25	3.11	3.00	2.80	2.66	2.75	2.91
1.60	1.60	1.60	1.60	1.60	1.55	1.50	1.45	1.45	1.45
1.36	1.31	1.31	.99	.94	.90	.85	.81	.83	.88
2.25	2.17	2.17	1.63	1.55	1.50	1.40	1.33	1.38	1.46
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	.....
(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	.....
5.02	5.02	5.02	4.77	4.77	4.77	4.53	4.50	.089	.....
.1750	.1775	.1800	.1800	.1800	.1800	.1800	.1800	5.02	.....
								.1800	.....

² For quota portion of crop. ⁷ Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.⁸ Grade No. 2 or better except for oats which is Grade No. 3. Oats target or price support level began in 1982. ⁹ No support program. ¹⁰ For ginners purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs.¹¹ Beginning 1982 Fire cured types 22-23. ¹² Loan rate was reduced from 63 to 61 cents per pound on December 23, 1987, because of the Omnibus Budget Reconciliation Act of 1987. n.a. not available. ¹³ Includes flaxseed, sunflower seed (oil and other), safflower, rapeseed (industrial) canola and mustard seed.

Agricultural Stabilization and Conservation Service.

Table 569.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1977-91

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Chicken eggs	Broilers	Turkeys	Other poultry ¹	Other livestock and products ²	Total livestock and products ³
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1977	20,225	7,281	386	11,752	2,919	3,103	910	280	778	47,635
1978	28,248	8,754	453	12,724	2,939	3,715	1,156	300	873	59,162
1979	35,025	9,058	470	14,642	3,329	4,026	1,216	352	1,117	69,236
1980	31,819	8,943	471	16,365	3,247	4,303	1,273	337	1,233	67,991
1981	29,538	9,794	416	18,095	3,648	4,646	1,248	407	1,358	69,151
1982	29,813	10,659	445	18,234	3,439	4,461	1,255	365	1,588	70,258
1983	28,861	9,790	423	18,748	3,451	4,873	1,269	388	1,804	69,606
1984	30,589	9,701	460	17,931	4,110	6,020	1,655	459	1,968	72,895
1985	29,002	9,033	514	18,055	3,262	5,668	1,820	458	2,008	69,822
1986	28,865	9,734	481	17,724	3,543	6,784	1,949	425	2,048	71,553
1987	33,583	10,337	558	17,727	3,209	6,177	1,703	427	2,274	75,993
1988	36,810	9,207	476	17,641	3,067	7,435	1,951	415	2,437	79,438
1989	36,894	9,475	487	19,396	3,862	8,778	2,234	498	2,524	84,148
1990	39,748	11,516	412	20,199	4,044	8,366	2,383	488	2,557	89,921
1991 ⁴	39,632	11,061	399	18,114	3,862	8,385	2,344	472	2,476	86,745

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts ⁵	Vegetables ⁶	Other crops ⁷	Total crops ³
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1977	6,055	11,906	3,470	9,722	2,331	4,603	5,609	4,903	48,600
1978	5,889	11,427	3,538	13,023	2,604	5,764	6,127	4,876	53,198
1979	9,047	14,040	4,330	14,300	2,271	6,462	6,480	5,363	62,293
1980	10,402	18,308	4,447	15,493	2,672	6,557	7,307	6,560	71,746
1981	11,619	17,770	4,055	13,853	3,250	6,603	8,772	6,543	72,465
1982	11,412	17,409	4,457	13,817	3,340	6,804	8,076	6,990	72,303
1983	9,713	15,559	3,705	13,546	2,752	6,056	8,472	7,362	67,165
1984	9,731	16,138	3,674	13,641	2,813	6,734	9,152	8,008	69,889
1985	8,990	22,591	3,687	12,475	2,699	6,946	8,572	8,333	74,293
1986	5,741	16,911	3,371	10,614	1,894	7,252	8,865	9,101	63,749
1987	5,790	14,635	4,189	11,283	1,816	8,065	9,898	10,176	65,851
1988	7,474	14,298	4,546	13,500	2,083	9,202	9,788	10,772	71,663
1989	8,247	17,053	5,033	11,866	2,415	9,296	11,534	11,435	76,879
1990	7,512	18,690	4,489	12,294	2,741	9,534	11,455	12,284	79,999
1991 ⁴	6,823	19,012	5,589	12,547	2,886	9,882	11,293	12,514	80,547

¹ Farm chickens, ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs. ² Wool, horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals. ³ Components may not add due to rounding.

⁴ Preliminary. ⁵ Includes melons, 1945-48. ⁶ Includes melons, 1949 to date. ⁷ Sugar crops, floriculture and ornamentals, forest products, mushrooms, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

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Table 570.—Farm income: Gross and net income from farming, United States, 1977-91

Year	Gross income								Total	Production expenses	Net income of farm operators, current dollars
	Cash receipts			Nonmoney and other farm income							
	Farm market-ings ¹	Government pay-ments	Total	Home con-sumption	Imputed rent	Other farm income ²	Change in inven-tory	Total			
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1977	96,235	1,818	98,053	1,161	7,250	1,222	1,080	10,713	108,766	88,884	19,882
1978	112,360	3,030	115,390	1,215	8,057	1,893	1,892	13,057	128,447	103,250	25,197
1979	131,529	1,376	132,905	1,346	9,256	2,238	4,975	17,815	150,720	123,304	27,416
1980	139,737	1,285	141,022	1,233	11,045	2,274	-6,300	8,252	149,274	133,139	16,135
1981	141,616	1,933	143,548	1,214	12,597	2,475	6,488	22,774	166,322	139,444	26,878
1982	142,562	3,492	146,054	1,129	13,121	5,225	-1,382	18,093	164,147	140,305	23,841
1983	136,770	9,296	140,065	1,049	12,593	5,057	-10,909	7,790	153,856	139,608	14,248
1984	142,784	8,431	151,214	1,017	4,881	4,901	5,966	16,766	167,980	141,873	26,108
1985	144,114	7,705	151,819	926	4,689	6,035	-2,269	9,381	161,201	132,433	28,768
1986	135,303	11,814	147,117	895	4,579	5,689	-2,201	8,962	156,079	125,084	30,995
1987	141,844	16,747	158,591	743	4,888	6,590	-2,319	9,902	168,493	128,770	39,723
1988	151,102	14,480	165,582	731	5,397	7,079	-3,407	9,800	175,382	134,287	41,095
1989	161,028	10,887	171,915	668	5,488	8,240	4,813	19,209	191,123	141,242	49,881
1990	169,921	9,298	179,219	689	5,440	7,223	3,462	16,814	196,032	145,076	50,957
1991 ³	167,292	8,214	175,506	625	5,271	7,646	448	13,990	189,496	144,888	44,608

¹ Excludes forest product sales starting with 1978 data.
Economic Research Service.

² Includes forest product sales starting with 1978 data.

³ Preliminary.

FARM INCOME

Table 571.—Farm marketings, 1990 and 1991, government payments, 1991, and principal commodities, 1991, by state

State	1990			1991				1991		
	Farm marketings			Farm marketings			Government payments	Home consumption		
	Total	Crops	Livestock and products	Total 1,000 dollars	Crops	Livestock and products		Livestock and products	Crops	Total
AL	2,820,212	627,493	2,192,719	2,970,919	751,698	2,219,221	66,350	4,108	2,593	6,701
AK	27,881	20,337	7,544	29,339	22,869	6,470	1,285	476	32	508
AZ	1,908,888	1,096,339	812,549	1,892,675	1,107,038	785,637	40,493	3,889	461	4,350
AR	4,252,161	1,550,743	2,701,418	4,317,676	1,637,608	2,680,068	352,750	7,442	2,650	10,092
CA	18,796,330	13,262,832	5,533,498	17,365,016	12,092,876	5,272,140	260,825	22,743	4,840	27,583
CO	4,213,517	1,140,329	3,073,188	3,734,616	1,069,855	2,664,761	217,102	6,280	1,498	7,778
CT	470,412	247,095	223,317	458,889	250,316	208,573	1,351	1,762	225	1,987
DE	636,074	176,380	459,694	620,192	182,127	438,065	2,676	1,437	167	1,604
FL	5,705,987	4,445,314	1,260,673	6,075,421	4,904,215	1,171,206	40,786	2,559	2,305	4,864
GA	3,855,773	1,585,170	2,270,603	3,980,161	1,825,808	2,154,353	97,675	4,924	2,650	7,574
HI	590,439	504,023	86,416	583,772	493,254	90,518	906	1,776	265	2,041
ID	2,891,298	1,748,066	1,143,232	2,611,136	1,536,360	1,074,776	141,250	8,268	1,233	9,501
IL	7,780,090	5,327,700	2,452,390	7,510,261	5,163,852	2,346,409	441,407	28,032	4,725	32,757
IN	4,904,482	2,865,008	2,039,474	4,468,951	2,575,794	1,893,157	210,055	10,195	3,745	13,940
IA	10,279,016	4,416,484	5,862,532	10,177,511	4,454,310	5,723,201	644,955	20,274	5,877	26,151
KS	7,012,920	2,017,364	4,995,556	6,930,686	2,128,239	4,802,447	697,895	9,926	3,976	13,902
KY	3,102,922	1,404,334	1,698,588	3,178,879	1,475,230	1,703,649	73,416	16,175	5,243	21,418
LA	1,929,648	1,296,877	632,771	1,786,014	1,165,222	620,792	174,605	3,675	1,729	5,404
ME	492,734	234,485	258,249	444,031	191,574	252,457	6,066	3,086	403	3,489
MD	1,359,658	537,149	822,509	1,335,451	556,467	778,984	15,342	6,394	887	7,281
MA	440,127	315,445	124,682	468,099	347,265	120,834	1,494	2,058	398	2,456
MI	3,118,702	1,710,178	1,408,524	3,046,379	1,755,433	1,290,946	123,691	10,830	3,111	13,941
MN	6,846,459	3,095,466	3,750,993	6,901,045	3,317,683	3,583,362	435,819	20,088	5,070	25,158
MS	2,432,534	1,110,744	1,321,790	2,420,973	1,146,080	1,274,893	176,298	6,157	2,189	8,346
MO	3,983,685	1,654,563	2,329,122	3,856,148	1,652,992	2,203,156	268,615	30,301	6,165	36,466
MT	1,654,253	765,972	888,281	1,532,418	740,977	791,441	320,133	10,059	1,429	11,488
NE	8,707,905	2,631,783	6,076,122	8,821,516	2,887,797	5,933,719	490,659	10,987	3,227	14,214
NV	323,953	114,813	209,140	275,836	88,746	187,090	5,679	1,915	144	2,059
NH	143,184	79,870	63,314	142,860	79,841	63,019	1,477	1,507	167	1,674
NJ	640,496	447,717	192,779	653,430	456,897	196,533	4,051	906	478	1,384
NM	1,483,015	481,616	1,001,399	1,499,270	479,882	1,019,388	58,447	7,110	778	7,888
NY	2,938,732	967,572	1,971,160	2,865,194	1,082,078	1,783,116	41,242	8,753	2,189	10,942
NC	4,921,628	2,263,755	2,657,873	4,917,556	2,309,090	2,608,466	52,837	14,618	3,457	18,075
ND	2,531,813	1,730,432	801,381	2,552,621	1,853,333	699,288	533,853	8,889	1,901	10,790
OH	4,144,784	2,297,612	1,847,172	3,847,780	2,197,406	1,650,374	156,708	17,531	4,609	22,140
OK	3,541,987	1,200,374	2,341,613	3,801,051	1,033,610	2,767,441	290,922	18,293	4,033	22,326
OR	2,367,015	1,616,183	750,832	2,451,187	1,626,246	824,941	89,105	17,186	2,132	19,318
PA	3,742,510	1,027,743	2,714,767	3,484,722	1,014,962	2,469,760	34,364	23,568	3,054	26,622
RI	71,346	57,614	13,732	70,861	57,586	13,275	110	276	40	316
SC	1,169,000	587,579	581,421	1,236,600	687,766	548,834	49,364	5,972	1,383	7,355
SD	3,259,656	965,427	2,294,229	3,265,291	1,088,361	2,176,930	286,237	19,648	2,017	21,665
TN	2,056,981	946,392	1,110,589	1,973,795	928,734	1,045,061	70,331	10,237	5,013	15,250
TX	11,823,409	4,075,431	7,747,978	12,125,535	4,208,974	7,916,561	777,925	24,791	10,659	35,450
UT	760,349	175,061	585,288	739,059	167,830	571,229	33,197	8,009	766	8,775
VT	456,045	59,513	396,532	432,541	64,957	367,584	3,339	3,312	398	3,710
VA	2,111,241	732,436	1,378,805	2,081,313	718,351	1,362,962	26,616	12,958	2,593	15,551
WA	3,795,588	2,398,996	1,396,592	3,942,663	2,650,190	1,292,473	206,084	13,861	2,132	15,993
WV	339,111	69,886	269,225	328,696	75,510	253,186	5,421	5,986	1,152	7,138
WI	5,714,940	1,141,688	4,573,252	5,444,186	1,226,073	4,218,113	149,950	20,742	4,552	25,294
WY	743,665	148,533	595,132	802,287	159,176	643,111	33,241	3,314	519	3,833
US	169,294,555	79,373,916	89,920,639	166,452,508	79,688,538	86,763,970	8,214,399	503,283	121,259	624,542

Economic Research Service.

Table 572.—Expenses: Farm production expenses, United States, 1977-91

Year	Feed purchased	Live-stock and poultry purchased	Seed purchased ¹	Fertilizer, lime, and pesticides	Petroleum fuel and oils ²	Depreciation and other consumption of farm capital ³	Contract and hired labor ⁴	Taxes on farm property ⁵	Interest on farm mortgage debt ⁶	Net rent to non-operator landlords ⁷	Miscellaneous ⁸	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1977...	13,967	7,072	2,484	8,467	4,356	15,493	7,953	3,660	4,329	3,412	17,692	88,884
1978...	16,036	10,150	2,638	9,276	4,609	16,963	8,279	3,603	5,060	3,963	22,672	103,250
1979...	19,314	13,012	2,904	10,805	5,635	19,345	8,981	3,871	6,190	6,182	27,066	123,304
1980...	20,971	10,670	3,220	13,030	7,879	21,474	9,293	3,891	7,544	6,075	29,092	133,139
1981...	20,855	8,999	3,428	13,610	8,570	23,573	8,931	4,246	9,142	6,184	31,906	139,444
1982...	18,592	9,684	3,172	12,301	7,734	24,188	9,379	4,010	10,481	5,476	35,289	140,306
1983...	20,573	8,818	2,690	10,925	7,211	23,758	8,938	4,465	10,815	5,211	36,204	139,608
1984...	19,383	9,487	3,386	13,048	7,296	20,847	9,427	4,337	10,733	8,150	35,779	141,876
1985...	16,949	9,184	3,128	11,846	6,436	19,298	10,008	4,542	9,878	7,690	33,474	132,433
1986...	17,472	9,758	3,188	11,144	5,310	17,788	9,484	4,612	9,131	6,099	31,098	125,084
1987...	17,463	11,842	3,259	10,965	4,957	17,092	9,975	4,853	8,205	7,124	33,035	128,772
1988...	20,393	12,764	3,359	11,524	4,903	17,344	10,441	4,848	7,880	7,290	33,540	134,285
1989...	21,002	13,138	3,558	12,686	4,798	17,780	11,110	5,127	7,781	8,187	36,077	141,244
1990...	20,706	14,832	3,576	12,853	5,730	17,494	12,541	5,623	7,607	8,334	35,780	145,077
1991...	19,800	14,358	3,975	13,732	5,472	17,352	12,595	5,980	7,319	7,464	36,841	144,889

¹ Includes bulbs, plants, and trees. ² For farm business use only. ³ Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year. ⁴ Includes contract labor expenses and hired labor cash wages, perquisites, and Social Security taxes paid by employers. ⁵ Includes taxes levied against farm real estate and farm personal property. ⁶ Interest charges payable during the calendar year on outstanding farm-mortgage debt. ⁷ Different data sources were used for the three time periods 1978 and previous years, 1979-1982, and 1983 and after. Estimates are not strictly compatible among the three periods. ⁸ For 1978 and later years, includes interest on nonreal estate debt; electricity; repairs and maintenance of farm buildings, land improvements, motor vehicles, and other farm machinery; machine hire and customwork; marketing, storage and transportation of all commodities; other miscellaneous livestock purchases; livestock rental fees; health and breeding services and supplies, custom feeding and grazing; irrigation water and dairy assessment fees; farm supplies; tools and shop equipment; net insurance; uninsured damages paid; motor vehicle registration and licensing fees; and other management expenses. Prior to 1978, includes interest on nonreal estate debt; electricity; repairs and maintenance of farm buildings, land improvements, motor vehicles, and other farm machinery; machine hire and custom work; fruit and vegetable containers; cotton ginning; livestock marketing; milk hauling; binding materials; dairy supplies; net Federal Crop Insurance Corporation payments; other net insurance; greenhouse and nursery; grazing; harness and saddlery; small hand tools; telephones; veterinarian fees; motor vehicle registration and licensing fees; and other miscellaneous expenses. Estimates are not compatible between the two periods.

Economic Research Service.

Table 573.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1977-90 ¹

Year	Number ²	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median income
	<i>Thousands</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Dollars</i>
1977.....	2,172	8.3	2.2	7.8	9.3	11.5	19.0	24.2	17.8	12,637
1978.....	2,051	5.4	2.1	5.0	7.6	10.4	18.1	28.4	23.0	15,284

Year	Number ³	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$29,999	\$30,000 to \$39,999	\$40,000 or more	Median income
	<i>Thousands</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Dollars</i>
1979.....	1,666	5.0	5.6	8.0	8.5	18.7	14.3	11.0	8.4	9.8	10.6	16,357
1980.....	1,631	7.3	4.4	9.7	9.1	17.4	13.0	12.4	8.8	9.0	8.8	15,755
1981.....	1,598	9.4	4.3	6.3	7.0	17.8	12.4	13.6	8.0	10.6	10.6	17,082
1982.....	1,617	7.5	3.7	5.9	7.9	14.0	14.1	13.5	9.2	13.8	10.6	18,756
1983.....	1,558	7.8	3.9	5.7	5.8	16.3	13.5	12.0	8.9	11.9	14.2	18,925
1984.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
1985.....	1,562	7.3	3.1	3.7	5.9	13.6	12.1	9.4	10.5	15.4	19.0	21,853
1986.....	1,448	4.8	3.2	4.4	4.6	12.1	11.7	13.0	10.3	14.5	21.5	23,326
1987.....	1,428	2.4	2.0	2.9	3.6	11.4	11.1	14.3	10.7	15.1	26.5	26,016
1988.....	1,351	2.1	1.0	4.0	3.6	10.1	13.6	11.4	9.3	17.8	27.2	27,222

Year	Number ³	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 or more	Median income
	<i>Thousands</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Dollars</i>
1989.....	1,390	10.1	8.1	18.8	19.8	22.2	14.0	4.2	2.9	30,809
1990.....	1,407	6.6	8.2	17.8	18.6	21.5	16.3	6.0	5.0	34,171

¹ The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together; all such persons are considered as members of the same family. Thus, if the son of the head of the household and son's wife are in the household, they are treated as part of the head's family. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

² Number of families residing on farms. The term "farm" is the same as that used in the 1960 and 1970 censuses. Farm was defined as a place in rural territory, from which sales of farm products for the preceding year amounted to at least \$50 for 10 or more acres, or at least \$250 for less than 10 acres.

³ Number of families residing on farms. The term "farm" is the same used in the 1980 census. Farm is defined as a place in rural territory with \$1000 or more in the sales of crops, livestock or other farm products during the preceding year.

⁴ Data not available from the Bureau of the Census.

Economic Research Service. Estimates are from Current Population Survey data. Bureau of the Census.

Table 574.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1980-89

Item	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Used in pesticide formulation:										
Talc, soapstone, and pyrophyllite.....	<i>Tons</i> 39,000	<i>Tons</i> 42,000	<i>Tons</i> 26,000	<i>Tons</i> 17,000	<i>Tons</i> 22,000	<i>Tons</i> 19,000	<i>Tons</i> 18,000	<i>Tons</i> 12,000	<i>Tons</i> 5,000	<i>Tons</i> 12,000
Fuller's earth.....	180,594	184,218	167,537	153,589	216,423	256,812	163,989	175,217	200,408	155,605
Kaolin.....	48,834	80,661	29,945	17,678	42,281	67,229	20,778	40,804	61,290	21,707
Bentonite.....	5,945	3,378	5,097	7,788	6,802	1,132	5,377	13,680	7,347	10,601
Other clays.....	898	10,763	(¹)	(¹)	9,320	5,144	3,948	3,368	4,401	15,553
Used in manufacture:										
Mercury.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Shipments to agriculture:										
Copper sulfate.....	15,593	22,704	14,707	18,566	21,896	16,201	24,031	25,320	23,240	23,924
Zinc sulfate (dry basis)...	12,397	13,807	13,341	13,113	12,573	15,083	20,521	16,462	14,994	12,040

¹ Not available.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

Table 575.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1983-89

Item	1983	1984	1985	1986	1987	1988	1989
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
PRODUCTION							
Copper sulfate.....	82,673	76,851	72,179	75,297	73,502	75,363	78,238
2,4-D acid.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Other organic pesticides.....	1,016,544	1,189,169	1,234,914	1,180,042	1,039,537	1,163,833	1,261,896
IMPORTS							
Pyrethrum flowers.....	244	163	407	693	544	1,887	(¹)
Pyrethrum extract.....	283	326	356	274	248	258	(¹)
Rotenone-bearing roots.....	1,122	1,105	619	619	1,179	1,502	(¹)
EXPORTS							
Fungicides ²	81,360	102,960	101,086	104,088	101,824	98,127	55,452
2,4-D and 2,4,5-T, acid basis ³	10,252	15,677	11,342	18,167	17,261	18,075	13,561
Other herbicides.....	217,602	277,340	378,972	272,848	305,322	349,645	257,677
DDT.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Other polychlor insecticides.....	16,599	12,086	12,855	7,313	7,305	5,500	5,126
Organophosphorus insecticides.....	75,117	81,345	78,819	71,120	54,677	54,521	49,290
Other agricultural insecticides.....	77,021	95,067	87,728	83,146	71,343	88,670	82,720
Fumigants.....	15,254	15,812	22,244	16,812	22,858	15,211	13,400
Disinfectants, deodorants, and germicides.....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Household and industrial insecticides, repellents, and rodenticides.....	5,482	5,276	4,524	7,418	5,943	3,670	3,350

¹ Not available. ² Includes copper sulfate and agricultural sulfur, which were previously listed separately.³ Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, and the U.S. Department of the Interior.

CHAPTER X

TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

Table 576.—Taxes levied on farm real estate: Amount, amount per acre, index numbers of amount per acre, United States, 1977-90

Year ¹	Farm real estate		
	Amount	Taxes per acre	
		Amount	Index
	<i>Million dollars</i>	<i>Dollars</i>	<i>1977 = 100</i>
1977.....	3,016.4	3.34	100
1978.....	3,004.7	3.34	100
1979.....	3,215.0	3.58	107
1980.....	3,441.9	3.83	115
1981.....	3,678.2	4.08	122
1982.....	3,678.4	4.08	122
1983.....	3,823.9	4.26	128
1984.....	3,905.3	4.36	131
1985.....	3,961.4	4.44	133
1986.....	3,948.6	4.47	134
1987.....	4,233.5	4.82	144
1988.....	4,304.1	4.91	147
1989.....	4,422.4	5.06	151
1990.....	4,584.6	5.27	155

¹ Beginning 1980, excludes Alaska.
Economic Research Service.

Table 577.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, and amount per \$100 of full value, by States, 1989 and 1990 ¹

State	Amount levied on farm real estate		Taxes per acre, amount		Taxes per \$100 of full value	
	1989	1990	1989	1990	1989	1990
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL.....	11.4	11.5	1.27	1.32	0.16	.16
AZ.....	45.5	46.5	5.41	5.53	1.97	2.10
AR.....	40.6	41.0	2.93	2.92	.37	.40
CA.....	240.0	268.6	9.36	10.65	.57	.63
CO.....	67.1	69.0	2.29	2.38	.62	.66
CT.....	9.7	10.2	24.76	26.08	.56	.59
DE.....	.8	1.0	1.45	1.70	.07	.08
FL.....	113.7	119.9	10.94	11.97	.58	.57
GA.....	54.8	55.4	5.31	5.54	.53	.55
HI.....	25.0	30.0	14.65	17.51	.63	.59
ID.....	41.7	37.3	3.70	3.36	.62	.51
IL.....	451.8	431.9	15.94	15.24	1.15	1.10
IN.....	122.5	129.8	7.51	8.11	.60	.65
IA.....	353.6	345.1	11.21	10.94	1.02	.99
KS.....	118.1	118.8	2.55	2.56	.55	.55
KY.....	32.2	37.7	2.34	2.74	.26	.28
LA.....	19.6	19.5	2.52	2.54	.26	.28
ME.....	11.6	12.4	8.74	9.52	.86	.55
MD.....	21.9	22.3	9.81	10.01	.40	.41
MA.....	15.3	15.5	26.33	26.73	.70	.71
MI.....	325.8	334.6	32.31	33.18	3.29	3.30
MN.....	162.1	171.9	6.12	6.49	.82	.81
MS.....	21.3	21.1	2.10	2.12	.30	.29
MO.....	70.3	72.5	2.43	2.51	.36	.37
MT.....	88.3	103.2	1.25	1.47	.60	.62
NE.....	290.8	325.2	6.65	7.43	1.27	1.35
NV.....	3.6	2.8	.68	.53	.29	.27
NH.....	7.9	8.7	18.96	21.13	.85	.94
NJ.....	31.4	31.5	36.63	39.72	.81	.86
NM.....	12.9	12.3	.42	.40	.22	.21
NY.....	147.6	152.5	18.30	19.11	1.79	1.96
NC.....	52.0	53.8	5.82	6.09	.44	.48
ND.....	79.8	84.7	2.13	2.27	.65	.67
OH.....	142.6	142.3	9.44	9.42	.75	.78
OK.....	55.4	56.2	1.83	1.86	.35	.37
OR.....	82.3	95.9	5.11	5.96	.96	1.04
PA.....	123.0	129.6	16.18	17.05	.86	.94
RI.....	2.8	2.6	48.23	48.22	.96	.96
SC.....	15.1	15.6	3.20	3.38	.34	.37
SD.....	104.8	105.7	2.83	2.86	.97	.87
TN.....	46.2	48.6	3.98	4.18	.40	.42
TX.....	320.3	328.7	2.51	2.60	.49	.53
UT.....	11.7	11.4	1.67	1.62	.40	.42
VT.....	18.7	20.0	13.43	14.43	1.13	1.21
VA.....	55.3	60.6	6.48	7.19	.49	.47
WA.....	60.8	64.5	4.73	5.02	.62	.64
WV.....	3.5	3.9	1.06	1.18	.15	.19
WI.....	272.7	281.1	16.58	17.18	1.96	2.14
WY.....	16.2	16.5	.69	.70	.48	.47
US ²	4,422.4	4,584.6	5.06	5.27	.76	.78

¹ Totals may not add due to rounding.

² Excludes Alaska.

Economic Research Service.

Table 578.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948-91

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drain- age)	Frost freeze, (other cold dam- age)	Flood	Cy- clone, tor- nado, wind, hot wind	In- sects	Dis- ease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Almonds.....	1981-91	1	2	60	34	0	2	0	0	1
Apples.....	1963-91	9	24	0	58	0	3	0	0	6
Barley.....	1956-91	67	11	7	3	0	2	7	1	2
Bean, canning.....	1988-91	45	9	25	8	0	7	3	2	1
Bean, dry edible.....	1948-91	39	21	13	14	2	2	1	6	2
Cherry, red tart.....	1963-66	0	8	0	89	0	3	0	0	0
Citrus.....	1951-91	1	0	0	96	0	2	0	0	1
Combined crop.....	1948-87	0	0	0	0	0	0	0	0	100
Corn.....	1948-91	72	6	10	3	3	3	1	1	1
Cotton.....	1948-91	41	14	19	18	1	4	2	0	1
Cotton, ELS.....	1984-91	4	21	6	57	1	1	3	5	2
Cranberries.....	1984-91	10	17	8	20	1	5	2	0	37
Citrus trees.....	1983-91	0	0	0	100	0	0	0	0	0
Figs.....	1988-91	13	0	48	15	0	2	0	0	22
Flax.....	1948-91	47	8	21	6	1	7	2	3	5
Forage production.....	1979-91	39	1	16	39	0	0	1	0	4
Forage seeding.....	1978-91	36	1	15	34	0	8	4	1	1
Fresh plums.....	1990-91	7	31	7	52	0	1	0	0	2
Fresh sweet corn.....	1985-91	2	1	1	86	0	9	0	0	1
Fresh tomato.....	1984-91	2	3	8	65	0	15	0	0	7
Grain sorghum.....	1959-91	59	4	12	12	2	4	5	0	2
Grape.....	1967-91	18	6	26	43	1	5	0	0	1
Hybrid Corn seed.....	1983-91	84	1	10	1	1	1	1	0	1
Macadamia nuts.....	1988-91	0	0	0	0	0	0	0	0	0
Macadamia trees.....	1988-91	0	0	0	0	0	0	0	0	0
Nursery.....	1986-91	0	0	3	92	0	5	0	0	0
Oat.....	1956-91	70	9	10	5	1	2	1	1	1
Onion.....	1988-91	17	13	22	6	9	8	1	3	21
Orange.....	1958-80	0	0	0	100	0	0	0	0	0
Pea, dry and green.....	1962-91	41	7	25	14	0	8	0	4	1
Peach.....	1957-91	2	15	1	80	0	1	0	0	1
Peach, canning.....	1986-87	4	0	92	0	0	0	0	0	4
Peanut.....	1962-91	72	0	15	2	0	1	0	9	1
Pears.....	1989-91	0	1	0	74	0	0	0	0	25
Peppers.....	1984-91	0	6	6	81	0	6	0	0	1
Popcorn.....	1984-91	46	11	13	16	5	6	1	0	2
Potato.....	1962-91	40	4	22	18	5	4	1	5	1
Prevented planting.....	1982-86	0	0	75	0	25	0	0	0	0
Prevented planting endorse.....	1986-91	0	0	75	0	25	0	0	0	0
Prunes.....	1986-91	31	1	37	14	0	7	0	0	10
Raisin.....	1961-91	0	0	100	0	0	0	0	0	0
Rice.....	1958-91	10	0	44	4	10	9	0	13	10
Rye.....	1980-91	67	12	6	10	1	2	1	0	1
Safflower.....	1964-91	81	1	0	2	0	13	1	1	1
Hybrid Sorghum seed.....	1988-91	4	18	2	73	0	3	0	0	0
Soybean.....	1955-91	64	5	24	2	2	1	0	1	1
Stonefruit.....	1988-91	5	36	18	27	0	0	0	0	14
Sugarbeet.....	1965-91	36	5	16	13	4	10	4	9	3
Sugarcane.....	1967-91	3	0	12	69	0	4	8	1	3
Sunflower.....	1976-91	46	12	8	19	0	3	8	2	2
Sweet corn.....	1978-91	57	4	21	7	0	7	0	3	1
Table grapes.....	1984-91	39	3	36	8	0	5	0	1	8
Tobacco.....	1948-91	41	13	27	2	1	6	0	9	1
Tomato.....	1963-91	40	1	46	6	0	3	1	2	1
Tung nut.....	1965-70	0	0	0	100	0	0	0	0	0
Walnuts.....	1984-91	28	1	37	22	0	9	0	0	3
Wheat.....	1948-91	58	12	8	11	1	3	3	3	1
All crops.....	1948-91	55	11	10	12	1	3	3	3	2

Federal Crop Insurance Corporation.

Table 579.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1989-91 ¹

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units ²	Area insured ³	Maximum insured production		Number	Area indemnified ³	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Almonds:								
1989	18	2,075	111	111,682	6,534	801	42	8,775
1990	18	2,308	119	118,687	7,213	72	5	1,283
1991	18	2,513	131	138,665	8,433	934	49	12,688
Apple:								
1989	231	2,141	67	73,960	7,681	878	26	13,781
1990	264	2,165	63	54,990	5,894	1,193	37	16,227
1991	264	1,992	56	50,365	5,956	756	21	8,624
Barley:								
1989	2,620	79,077	4,328	195,947	18,013	26,361	1,782	26,692
1990	2,620	69,181	3,771	221,107	19,922	12,241	916	18,189
1991	2,620	73,733	4,058	245,056	23,281	10,240	720	15,425
Bean, dry edible:								
1989	323	27,819	852	141,992	12,122	7,528	516	35,969
1990	352	24,511	1,152	182,049	18,819	5,624	407	22,010
1991	352	21,094	950	159,932	17,472	2,385	150	8,857
Bean, canning:								
1989	164	485	32	4,972	434	78	5	441
1990	184	376	23	3,818	335	65	4	370
1991	184	225	11	2,161	188	28	2	209
Citrus:								
1989	44	2,047	43	35,553	2,885	150	3	1,098
1990	45	2,137	39	31,722	2,487	1,546	25	11,439
1991	45	2,038	43	38,269	2,990	1,488	22	13,183
Citrus tree:								
1989	3	2,678	21	42,722	1,753	1	2	1
1990	3	2,276	27	55,088	2,232	2,274	27	54,456
1991	3	1,370	12	9,976	484	0	0	0
Corn:								
1989	2,850	547,245	30,075	5,165,526	267,382	83,668	5,714	244,543
1990	2,851	507,905	26,302	4,041,332	214,049	55,437	3,253	117,025
1991	2,851	412,510	20,837	3,294,580	176,014	82,834	5,321	211,848
Cotton:								
1989	691	52,458	3,376	477,381	52,833	26,490	2,786	126,946
1990	707	76,678	4,669	694,930	80,976	21,476	2,371	102,597
1991	707	70,854	4,853	803,079	89,731	30,392	3,670	178,939
Cotton ELS:								
1989	12	167	20	9,821	848	75	9	1,478
1990	41	233	18	8,182	957	125	11	2,331
1991	42	204	21	11,668	918	162	15	4,635
Cranberries:								
1989	32	128	5	27,149	789	27	1	2,134
1990	32	147	5	27,505	835	26	1	1,916
1991	32	152	6	27,748	961	21	1	1,286
Figs:								
1989	4	76	4	3,284	305	14	1	306
1990	4	88	5	3,301	282	23	2	648
1991	4	82	5	3,663	338	19	2	441
Flax:								
1989	120	3,093	101	3,174	394	2,242	101	1,391
1990	120	3,909	142	5,061	626	990	46	647
1991	120	4,211	155	6,542	883	903	43	793
Forage								
1989	143	7,920	501	36,749	1,694	2,628	195	4,417
1990	180	5,943	379	45,060	2,545	2,274	156	8,370
1991	180	3,057	181	19,779	1,370	790	57	2,578
Forage seeding:								
1989	63	200	6	287	24	76	3	80
1990	151	1,363	39	2,429	192	560	19	622
1991	151	1,212	31	1,824	154	394	13	426
Fresh Plum:								
1990		53	1	1,562	126	14	251	109
1991	7	111	3	4,105	340	24	635	339
Fresh Sweet								
Corn:								
1989	7	234	19	8,035	478	104	8	684
1990	12	324	22	9,448	501	38	3	657
1991	12	332	21	9,269	632	22	1	225
Fresh Tomato:								
1989	49	271	16	36,579	3,740	64	4	3,650
1990	54	295	15	37,699	4,298	138	9	10,208
1991	54	345	21	52,073	6,488	70	4	3,182
Grain sorghum:								
1989	2,468	88,999	4,112	347,382	27,432	34,095	2,789	66,983
1990	2,486	85,818	3,500	203,825	16,084	21,222	2,126	30,675
1991	2,486	77,570	3,180	233,376	19,538	23,982	1,542	31,641

See footnotes at end of table.

Table 579.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1989-91 ¹—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units ²	Area insured ³	Maximum insured production		Number	Area indemnified ³	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Grape:								
1989	97	1,605	51	43,378	3,098	230	6	2,122
1990	117	1,632	52	48,104	3,514	302	8	2,451
1991	117	1,771	66	74,769	5,728	364	13	6,242
Hybrid corn seed:								
1989	414	10,656	467	177,214	12,229	2,389	160	11,413
1990	431	8,648	371	140,157	10,092	1,944	128	7,771
1991	432	8,765	391	122,539	9,738	2,616	166	12,084
Hybrid sorghum seed:								
1989	15	63	6	1,681	235	29	6	998
1990	16	92	7	2,049	332	55	8	1,153
1991	16	89	7	2,097	396	50	7	1,158
Macadamia nuts:								
1989	4	23	2	2,359	22	0	0	0
1990	4	24	2	2,593	25	0	0	0
1991	4	6	1	1,226	13	0	0	0
Macadamia trees:								
1989	4	21	2	19,420	257	0	0	0
1990	4	19	2	18,855	251	0	0	0
1991	4	16	2	17,471	248	0	0	0
Nursery:								
1989		14	112	2,626	73	0	0	0
1990		19	333	9,651	250	8	147	1,386
1991		39	510	13,887	383	6	72	1,305
Oat:								
1989	2,531	74,101	2,536	85,183	8,061	28,636	1,459	22,678
1990	2,732	54,746	1,738	76,986	8,104	11,946	543	11,812
1991	2,734	32,617	973	33,367	4,133	8,697	295	5,970
Onion:								
1989	63	170	9	5,735	361	63	3	1,014
1990	64	194	10	6,202	395	52	1	610
1991	64	302	10	8,603	603	79	4	2,592
Pea, dry green:								
1989	175	4,230	189	25,881	2,189	489	24	1,348
1990	189	3,927	181	25,673	2,232	1,061	68	3,358
1991	189	3,535	161	21,347	1,856	830	34	1,585
Peach:								
1989	166	1,111	43	14,929	1,691	750	29	7,968
1990	257	1,603	52	16,847	1,989	956	33	8,344
1991	257	1,484	50	16,184	2,226	512	15	3,714
Peanut:								
1989	292	28,308	986	523,023	26,107	7,355	32	33,655
1990	296	29,536	1,132	597,898	30,082	15,511	743	198,953
1991	296	31,855	1,328	717,139	42,075	6,811	368	48,944
Pears:								
1989	22	68	1	1,714	118	11	4	1
1990	23	69	2	2,049	135	10	61	28
1991	23	35	447	629	52	9	44	18
Pepper:								
1989	11	47	3	5,586	569	8	1	877
1990	12	45	2	4,629	511	24	1	1,085
1991	12	31	2	3,755	386	2	0	103
Popcorn:								
1989	279	1,581	81	18,503	1,174	191	14	1,089
1990	312	1,728	83	16,504	1,025	270	18	948
1991	313	1,280	60	11,486	741	396	26	1,569
Potato:								
1989	305	3,140	252	154,217	8,180	1,155	100	20,258
1990	328	4,070	306	183,945	10,724	1,474	123	27,239
1991	331	3,915	304	213,462	11,991	841	66	16,349
Prevented plant endorsement:								
1989	0	2	1	7	0	0	0	0
1990	0	7	1	14	1	1	160	1,913
1991	0	74	5	232	7	8	740	25,377
Prunes:								
1989	13	218	13	11,522	738	13	1	234
1990	15	248	15	12,241	800	154	9	3,274
1991	15	361	20	19,145	1,254	92	6	1,844
Raisin:								
1989	7	3,909	319	190,454	16,278	834	107	33,626
1990	7	3,244	203	116,880	9,953	4	1	73
1991	7	3,282	192	114,720	11,087	1	0	0
Rice:								
1989	165	4,148	441	91,251	2,659	986	154	8,075
1990	165	5,765	542	110,813	3,415	1,410	175	11,851
1991	165	5,130	505	105,847	3,706	1,738	260	21,445

See footnotes at end of table.

Table 579.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1989-91 ¹—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units ²	Area insured ³	Maximum insured production		Number	Area indemnified ³	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Rye:								
1989	54	700	33	766	89	161	12	122
1990	58	360	14	426	49	72	3	46
1991	58	223	8	254	31	51	2	36
Safflower:								
1989	59	516	45	4,509	353	236	30	1,261
1990	68	797	156	22,724	2,652	563	149	18,767
1991	68	720	70	3,958	506	296	54	1,600
Soybean:								
1989	1,883	449,775	20,750	2,694,735	150,951	66,158	5,239	147,219
1990	1,968	399,194	17,492	2,025,625	121,685	56,966	4,073	102,784
1991	1,975	326,947	14,532	1,743,316	96,110	64,646	4,037	98,617
Stonefruit:								
1989	16	129	4	4,911	368	6	239	58
1990	16	188	3	4,817	342	17	347	160
1991	16	397	6	10,724	776	55	1,124	652
Sugarbeet:								
1989	153	7,740	456	186,033	7,900	2,094	140	9,059
1990	155	10,376	608	256,399	12,459	2,824	214	15,217
1991	155	10,860	638	275,618	13,376	2,602	184	12,477
Sugarcane:								
1989	23	169	20	9,560	505	92	15	4,853
1990	23	310	24	10,984	628	147	11	1,716
1991	23	527	36	14,454	955	80	5	484
Sunflower:								
1989	219	17,641	991	60,441	5,499	6,705	506	9,727
1990	237	19,688	1,131	70,260	6,375	4,167	301	6,326
1991	237	23,241	1,435	99,803	9,667	4,549	341	7,962
Sweet Corn:								
1989	199	3,420	154	26,827	1,569	240	11	830
1990	213	3,172	148	26,723	1,611	292	16	1,180
1991	213	2,995	139	25,294	1,499	281	14	883
Table Grape:								
1989	13	117	5	8,693	643	14	1	371
1990	14	99	4	7,519	555	4	0	90
1991	14	120	7	12,287	899	24	1	670
Tobacco:								
1989	499	62,353	278	639,668	18,293	8,038	68	30,921
1990	500	65,296	306	727,223	22,175	4,950	28	20,191
1991	500	61,059	299	748,173	24,190	5,110	30	23,553
Tomato:								
1989	106	1,197	80	77,286	4,952	343	26	8,343
1990	120	1,516	87	86,646	5,654	220	16	3,809
1991	121	1,748	101	102,264	6,516	151	11	3,925
Walnut:								
1989	29	100	4	2,901	146	21	1	296
1990	29	102	5	3,955	184	27	1	306
1991	29	164	9	7,735	373	18	1	92
Wheat:								
1989	2,849	369,912	29,803	1,805,151	138,870	148,555	16,492	317,786
1990	2,850	483,951	36,381	2,435,086	199,269	68,510	8,332	178,894
1991	2,853	384,656	26,432	1,590,526	129,247	82,712	9,245	183,970
Total, all commodities:								
1989	20,507	1,854,297	101,826	13,617,359	819,488	461,072	39,156	1,215,571
1990	21,347	1,886,375	101,684	12,818,272	835,841	299,279	25,387	1,031,514
1991	21,373	1,581,849	83,321	11,244,441	736,939	339,071	29,433	980,539

¹ Data for 1991 are preliminary. ² Number of farms on which the insured crop was planted including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included. ³ The insured's share of the planted area on the farm. ⁴ Less than 500. ⁵ Thousands of tons insured for raisins (not included in total of all commodities). n.a. not available. ⁶ The nursery is available in all states and counties except Alaska and Hawaii. The county count does not include Nursery.

Federal Crop Insurance Corporation.

Table 580.—Farm real estate debt: Amount outstanding by farming regions, Dec. 31, 1977-91¹

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1977.....	3,070,146	6,385,341	15,274,768	7,171,902	4,599,753	4,567,935
1978.....	3,361,661	7,457,469	17,907,192	8,120,333	5,146,741	5,096,946
1979.....	4,043,785	9,089,732	21,442,912	9,686,622	6,233,217	5,937,062
1980.....	4,488,821	10,417,609	24,172,820	10,959,905	7,002,986	6,667,999
1981.....	4,802,334	11,656,068	26,494,864	12,149,225	7,599,092	7,416,770
1982.....	4,999,752	12,138,637	27,224,547	12,695,795	7,884,971	7,654,829
1983.....	5,055,098	12,548,241	27,481,721	12,927,837	7,954,741	7,768,451
1984.....	4,829,869	12,465,632	26,862,422	12,799,494	7,771,505	7,736,521
1985.....	4,589,982	11,738,512	24,902,363	11,896,287	7,358,756	7,347,741
1986.....	4,197,837	10,419,615	22,245,000	10,670,275	6,675,866	6,731,941
1987.....	4,003,223	9,380,812	20,041,161	9,612,181	6,353,289	6,334,724
1988.....	3,966,309	8,732,609	18,980,187	9,084,305	6,261,632	6,050,562
1989.....	4,109,130	8,232,809	18,367,338	8,738,177	6,144,922	5,899,984
1990.....	3,947,386	7,690,801	17,578,593	8,550,041	6,085,320	5,774,849
1991 ²	3,956,039	7,662,609	17,680,586	8,663,554	6,420,872	6,172,669

Year	Delta States	Southern Plains	Mountain	Pacific	United States ³
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1977.....	3,496,409	5,744,756	6,217,186	7,328,901	63,949,369
1978.....	3,912,669	6,354,335	6,942,009	8,356,809	72,756,475
1979.....	4,791,295	7,292,675	8,197,719	9,913,739	86,754,557
1980.....	5,373,503	7,945,855	9,150,127	11,165,948	97,486,994
1981.....	5,962,193	8,483,570	9,898,009	12,613,498	107,230,492
1982.....	6,222,484	8,829,836	10,169,210	13,308,123	111,312,040
1983.....	6,255,182	9,205,745	10,415,701	13,879,888	113,721,549
1984.....	6,113,480	9,296,911	10,266,745	13,885,375	112,303,439
1985.....	5,603,762	9,176,682	9,632,807	13,199,941	105,739,201
1986.....	4,949,332	8,527,166	8,783,451	12,398,731	95,879,801
1987.....	4,552,288	7,873,394	7,873,954	11,424,246	87,717,604
1988.....	4,177,621	7,216,878	7,323,254	10,898,661	82,952,522
1989.....	4,023,261	6,797,640	6,944,297	10,971,025	80,476,478
1990.....	3,883,493	6,713,674	6,705,838	11,218,712	78,398,018
1991 ²	3,806,667	6,664,243	6,567,933	11,293,265	79,133,193

¹ Includes operator households. Data for 1972-1987 were revised in 1987 to include Commodity Credit Corporation storage and drying facility loans. States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. ² Preliminary. ³ Includes Alaska and Hawaii.

Economic Research Service.

Table 581.—Farm real estate debt: Amount outstanding, by States, Dec. 31, 1970, 1980, 1988, 1989, 1990, and 1991¹

State	1970	1980	1988	1989	1990	1991 ²
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL.....	417,923	1,241,479	898,942	870,528	768,266	769,392
AK.....	2,619	25,872	22,230	23,575	17,936	16,499
AZ.....	301,824	655,778	671,668	666,578	568,126	525,710
AR.....	743,015	1,967,032	1,665,883	1,638,069	1,675,763	1,670,005
CA.....	2,451,999	7,239,041	7,353,564	7,509,231	7,935,255	7,938,550
CO.....	682,274	2,236,462	1,743,229	1,644,210	1,608,249	1,580,966
CT.....	41,255	114,192	122,665	103,368	104,995	96,314
DE.....	42,108	141,693	155,529	151,124	164,633	158,380
FL.....	647,169	2,333,652	2,650,370	2,740,778	2,761,766	2,896,508
GA.....	632,776	2,273,187	1,848,267	1,707,272	1,685,945	1,856,508
HI.....	23,026	123,295	238,287	224,320	231,378	222,395
ID.....	619,135	1,797,200	1,430,125	1,318,323	1,299,965	1,333,238
IL.....	1,551,230	5,714,603	4,687,471	4,510,080	4,315,448	4,130,269
IN.....	1,127,888	4,247,972	3,262,396	3,169,070	2,887,432	3,099,695
IA.....	2,277,513	7,840,195	5,911,662	5,742,351	5,526,210	5,679,095
KS.....	1,066,214	3,291,184	2,669,913	2,589,500	2,557,632	2,586,191
KY.....	625,388	2,151,096	1,829,775	1,784,606	1,742,145	1,844,186
LA.....	479,020	1,565,065	991,126	924,586	810,402	792,199
ME.....	63,347	169,591	133,461	127,691	122,052	112,038
MD ³	240,397	652,826	569,674	631,091	583,898	618,410
MA.....	41,209	96,059	89,450	113,142	124,527	127,367
MI.....	700,584	2,095,943	1,787,974	1,652,726	1,507,795	1,486,977
MN.....	1,377,542	5,005,871	4,031,658	3,821,403	3,585,210	3,568,927
MS.....	651,850	1,841,406	1,520,612	1,460,607	1,397,688	1,344,463
MO.....	1,077,082	3,563,856	2,952,225	2,844,370	2,824,796	2,731,072
MT.....	661,862	2,264,995	1,769,631	1,697,424	1,634,992	1,629,967
NE.....	1,149,962	3,784,748	3,103,169	2,995,292	2,804,799	2,827,999
NV.....	85,464	280,952	209,560	204,202	185,709	177,976
NH.....	19,072	56,108	38,176	36,966	36,955	35,896
NJ.....	120,634	315,152	253,461	258,294	268,089	253,142
NM.....	287,598	717,776	641,479	611,477	595,953	576,763
NY.....	431,635	1,216,789	1,013,904	1,116,676	971,309	917,541
NC.....	474,859	1,884,791	1,649,438	1,608,463	1,515,762	1,822,279
ND.....	549,263	1,965,647	1,820,962	1,727,669	1,739,707	1,750,687
OH.....	889,971	2,806,194	2,166,433	2,101,466	2,024,707	2,040,455
OK.....	805,052	2,421,534	2,074,170	1,965,066	1,844,587	1,805,942
OR.....	552,721	1,979,220	1,876,857	1,841,160	1,739,080	1,764,205
PA.....	428,045	1,513,069	1,376,585	1,358,231	1,359,682	1,429,698
RI.....	3,661	11,324	16,728	16,736	15,716	15,012
SC.....	224,699	819,681	652,983	581,407	558,873	650,261
SD.....	595,656	1,918,326	1,490,261	1,425,715	1,447,902	1,498,677
TN.....	570,928	1,583,294	1,229,974	1,199,952	1,257,327	1,151,142
TX.....	2,327,518	5,524,321	5,142,708	4,882,574	4,869,087	4,858,302
UT.....	143,625	552,503	461,809	423,555	391,710	364,539
VT.....	81,961	202,018	196,676	195,809	195,531	192,241
VA.....	366,938	1,149,283	1,210,053	1,223,724	1,264,079	1,295,143
WA.....	619,361	1,947,687	1,668,240	1,620,635	1,544,376	1,524,377
WV.....	74,743	234,522	342,392	328,176	306,007	308,122
WI.....	903,426	3,315,795	2,912,977	2,758,679	2,597,796	2,606,705
WY.....	241,318	644,461	395,753	378,529	421,134	449,769
US.....	30,638,631	97,486,994	82,952,522	80,476,478	78,398,018	79,133,193

¹ Includes operator households. Includes Commodity Credit Corporation storage and drying facility loans.
² Preliminary. ³ Includes District of Columbia.

Economic Research Service.

Table 582.—Farm real estate debt: Amount outstanding by lender, by States, Dec. 31, 1990 and 1991 ¹

State	Federal land banks ²		Life insurance companies ³		Farmers Home Administration ⁵		All operating banks		Individuals and others ⁶	
	1990 ⁴	1991 ⁴	1990 ⁴	1991 ⁴	1990 ⁴	1991 ⁴	1990 ⁴	1991 ⁴	1990 ⁴	1991 ⁴
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	240,000	229,733	48,700	50,900	101,075	91,706	267,468	282,579	111,023	114,411
AK.....	4,281	2,113	8,100	7,500	530	518	738	1,947	4,287	4,421
AZ.....	82,883	63,343	200,500	211,500	51,699	50,697	105,160	68,291	127,883	131,879
AR.....	432,000	386,294	294,100	308,800	268,757	248,105	492,811	532,885	188,095	193,922
CA.....	2,900,916	2,825,104	2,577,200	2,588,600	228,243	223,129	964,882	997,710	1,264,514	1,304,008
CO.....	742,132	708,500	213,400	205,900	103,556	95,477	196,924	207,919	352,238	363,170
CT.....	52,163	48,798	300	0	14,234	12,937	22,575	18,366	15,723	16,214
DE.....	92,400	97,400	100	100	12,402	10,822	38,293	27,950	21,438	22,108
FL.....	757,680	849,133	875,200	902,800	109,029	104,076	705,126	715,996	314,731	324,503
GA.....	629,760	777,549	150,800	135,900	168,609	150,369	578,548	629,565	158,228	163,125
HI.....	112,721	85,513	31,300	30,100	30,502	30,375	47,654	67,918	9,201	9,489
ID.....	556,499	597,959	166,300	163,200	228,192	212,369	35,537	36,537	313,436	323,172
IL.....	1,320,000	1,062,799	456,700	420,200	302,870	280,964	1,400,876	1,505,377	835,002	860,929
IN.....	793,500	938,011	281,300	273,700	247,312	225,544	817,020	890,776	748,300	771,665
IA.....	1,356,236	1,400,483	571,800	547,600	412,921	383,162	1,288,230	1,391,805	1,897,023	1,956,045
KS.....	1,056,008	1,060,145	205,800	180,000	253,543	236,206	640,592	695,599	401,689	414,241
KY.....	409,400	439,322	125,800	129,600	273,175	254,034	656,191	734,999	277,579	286,232
LA.....	240,000	226,086	168,900	157,000	134,072	120,542	174,032	192,696	93,038	95,875
ME.....	43,293	35,718	0	0	56,166	52,187	6,434	7,470	16,160	16,664
MD ⁷	307,700	350,710	11,300	11,700	39,792	34,312	106,649	99,532	118,457	122,156
MA.....	51,990	54,312	22,200	21,500	25,387	25,689	8,035	8,422	16,915	17,444
MI.....	694,212	653,524	38,100	41,300	179,733	165,615	219,408	238,541	376,342	387,997
MN.....	1,281,623	1,193,542	226,100	220,700	282,876	253,723	767,602	842,441	1,027,010	1,058,522
MS.....	320,000	247,965	312,200	320,900	263,196	239,016	350,515	380,091	151,777	156,491
MO.....	648,000	511,790	220,400	194,700	361,893	329,754	1,008,643	1,090,653	585,860	604,174
MT.....	567,201	545,136	204,100	199,800	186,781	175,129	149,811	166,344	527,100	543,558
NE.....	774,992	783,809	365,700	306,000	349,462	321,420	712,960	796,381	601,685	620,388
NV.....	72,937	72,845	39,500	32,200	19,165	18,137	3,533	2,640	50,574	52,155
NH.....	15,916	16,058	600	0	8,536	8,499	3,388	2,559	8,515	8,781
NJ.....	144,864	129,335	500	300	25,613	26,105	27,256	25,364	69,855	72,038
NM.....	207,478	197,963	70,800	61,900	65,883	63,784	117,617	114,748	134,175	138,368
NY.....	435,997	367,336	9,600	6,700	168,134	157,675	124,791	145,811	232,786	240,020
NC.....	689,520	876,968	90,200	92,500	241,195	212,466	332,936	473,383	161,911	166,962
ND.....	808,134	815,185	36,300	34,100	319,892	296,257	287,939	308,756	287,442	296,388
OH.....	678,500	669,669	137,300	123,000	179,593	165,016	621,624	662,432	407,691	420,340
OK.....	654,353	638,171	169,000	164,300	323,251	294,623	359,950	360,261	338,033	348,587
OR.....	524,394	504,991	477,700	518,700	117,620	109,869	86,143	80,767	533,224	549,879
PA.....	508,100	551,220	12,300	14,000	136,376	127,974	473,788	500,227	229,118	236,277
RI.....	8,453	9,237	0	0	3,308	3,118	2,360	1,011	1,596	1,646
SC.....	323,040	412,038	16,700	16,200	88,193	80,596	74,871	83,613	56,069	57,814
SD.....	498,209	521,579	51,100	44,400	368,746	346,939	184,988	230,197	344,859	355,562
TN.....	418,600	327,710	41,400	50,500	238,595	211,399	402,671	400,652	156,062	160,881
TX.....	2,040,584	2,010,415	575,900	570,000	367,414	351,574	899,273	909,620	985,916	1,016,693
UT.....	145,875	120,352	11,600	9,500	60,412	56,809	38,947	38,901	134,876	138,977
VT.....	66,818	62,841	0	0	47,947	44,900	50,134	52,913	30,632	31,588
VA.....	688,100	717,790	94,600	107,100	95,017	86,233	239,089	232,173	147,273	151,847
WA.....	488,007	462,732	338,100	331,000	158,437	144,061	194,294	209,728	365,538	376,856
WV.....	85,100	88,390	90,100	84,100	48,536	45,011	58,380	65,984	23,891	24,637
WI.....	776,094	777,350	63,500	64,200	279,093	241,879	848,126	873,163	630,983	649,843
WY.....	138,391	175,781	83,100	74,600	46,035	41,651	32,859	33,225	120,749	124,512
US.....	26,885,056	26,700,747	10,186,300	10,029,300	8,092,986	7,462,441	17,227,171	18,436,918	16,006,506	16,503,786

¹ Includes operator households. ² Includes mortgages in process of foreclosure. ³ Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages. ⁴ Revised. ⁵ Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans on farms and association loans for grazing, Indian tribe land acquisition loans, and one-half of economic emergency loans. ⁶ Estimated by ERS, USDA; includes CCC storage and drying facility loans. ⁷ Includes District of Columbia.

Economic Research Service.

Table 583.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1988-91 ¹

State and Territory	Farm real estate loans				Nonreal estate farm loans			
	1988	1989	1990	1991 ²	1988	1989	1990	1991 ²
	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31	Dec. 31
AL.....	197,039	235,673	267,468	282,579	191,553	210,972	232,681	249,937
AK.....	2,354	2,977	738	1,947	8,475	7,042	3,800	5,257
AZ.....	163,479	183,230	105,160	68,291	501,093	493,357	445,212	393,288
AR.....	390,115	445,691	492,811	532,885	413,559	496,081	552,175	622,571
CA.....	689,810	824,593	964,382	997,710	2,679,577	2,636,185	2,977,913	3,015,843
CO.....	155,570	182,258	196,924	207,919	704,601	741,913	711,509	674,566
CT.....	11,347	23,743	22,575	18,366	32,671	30,224	25,029	15,713
DE.....	44,680	40,678	38,293	27,950	24,802	25,611	63,512	45,752
FL.....	578,720	681,157	705,126	715,996	325,010	255,725	299,010	328,420
GA.....	499,149	513,257	578,548	629,565	291,932	310,919	324,993	370,512
HI.....	32,901	28,731	47,654	67,918	19,445	30,489	41,813	23,959
ID.....	32,807	30,180	35,537	36,537	567,043	595,272	712,130	760,901
IL.....	1,259,198	1,340,119	1,400,876	1,505,377	1,922,276	1,970,646	2,067,403	2,167,925
IN.....	771,839	794,427	817,020	890,776	897,722	931,391	953,691	955,982
IA.....	1,106,223	1,209,727	1,288,230	1,391,805	2,518,296	2,740,156	3,009,979	3,186,692
KS.....	569,192	606,471	640,592	695,599	1,896,478	1,985,730	2,124,046	2,128,034
KY.....	640,894	653,543	656,191	734,999	387,009	397,827	426,231	482,847
LA.....	153,239	168,886	174,032	192,696	219,065	254,653	265,682	280,736
ME.....	5,526	7,736	6,434	7,470	47,515	31,157	25,031	26,652
MD ³	86,850	153,765	106,649	99,532	52,432	46,329	45,025	48,981
MA.....	5,906	14,746	8,035	8,422	51,735	51,144	75,561	74,260
MI.....	226,015	222,535	219,408	238,541	420,082	391,653	375,420	412,332
MN.....	622,439	698,163	767,602	842,441	1,530,270	1,636,965	1,756,801	1,937,869
MS.....	291,058	316,070	350,515	380,091	275,627	338,170	344,005	379,736
MO.....	883,901	938,387	1,008,643	1,090,653	983,807	1,037,492	1,076,446	1,204,281
MT.....	106,500	121,068	149,811	166,344	468,278	514,928	502,896	524,567
NE.....	596,202	658,270	712,960	796,381	2,138,484	2,265,538	2,509,717	2,757,450
NV.....	1,744	2,628	3,533	2,640	17,551	17,048	18,447	15,609
NH.....	2,762	3,034	3,388	2,559	1,104	833	836	823
NJ.....	25,226	31,444	27,256	25,364	17,014	13,444	15,971	45,107
NM.....	121,669	122,788	117,617	114,748	181,736	190,922	204,096	227,663
NY.....	111,123	220,182	124,791	145,811	427,666	401,903	438,916	352,087
NC.....	284,678	329,418	332,936	473,383	248,552	255,373	273,573	263,179
ND.....	228,970	265,052	287,939	308,756	735,188	776,390	783,562	819,189
OH.....	628,917	627,312	621,624	662,432	544,517	540,664	543,930	535,932
OK.....	352,562	359,906	359,950	360,261	1,132,420	1,211,205	1,262,724	1,305,748
OR.....	60,624	90,187	86,143	80,767	361,151	342,520	426,576	495,516
PA.....	454,318	466,821	473,788	500,227	309,413	284,679	261,596	267,408
RI.....	4,141	3,753	2,360	1,011	1,230	1,589	518	431
SC.....	54,173	59,427	74,871	83,613	66,071	67,035	80,849	73,671
SD.....	148,384	166,482	184,988	230,197	940,242	1,002,488	1,113,233	1,255,737
TN.....	389,907	407,795	402,671	400,652	246,750	227,099	243,968	302,124
TX.....	1,053,531	981,584	899,273	909,620	2,645,669	2,547,000	2,589,357	2,743,300
UT.....	31,762	36,167	38,947	38,901	114,413	124,247	141,053	162,070
VT.....	49,560	48,927	50,134	52,913	28,964	33,247	39,378	34,023
VA.....	253,263	246,113	239,089	232,173	193,310	190,903	189,807	177,046
WA.....	175,686	187,523	194,294	209,728	843,447	956,296	1,079,782	1,084,151
WV.....	69,188	63,508	58,380	65,984	24,129	21,026	25,374	21,703
WI.....	766,907	802,362	848,126	873,163	937,524	933,836	1,004,836	1,064,557
WY.....	24,652	27,685	32,859	33,225	211,393	215,130	227,065	261,374
US.....	15,416,700	16,646,179	17,227,171	18,436,918	29,798,655	30,782,396	32,913,158	34,585,511

¹ Includes operator households. Includes loans of national and commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of borrower. ² Preliminary. ³ Includes District of Columbia.

Economic Research Service. Data from Federal Deposit Insurance Corporation.

Table 584.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,¹ Dec. 31, 1972-91²

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
1977	7.4	7.2	7.3	7.1	7.5	7.7	7.5	7.1	7.2	7.3	7.6
1978	7.4	7.3	7.5	7.3	7.7	7.8	7.8	7.3	7.3	7.5	7.4
1979	7.7	7.8	7.9	7.7	8.2	8.3	8.0	7.6	7.7	7.9	7.9
1980	8.3	8.3	8.3	8.4	8.5	8.6	8.4	8.0	8.2	8.2	8.3
1981	9.0	8.9	9.2	9.4	9.3	9.2	9.3	8.7	8.8	8.6	9.1
1982	9.6	9.6	9.9	10.1	10.1	9.9	10.1	9.3	9.3	9.1	9.7
1983	9.9	9.7	8.3	9.8	10.2	10.1	10.1	9.3	9.1	9.3	9.7
1984	9.9	9.4	9.6	9.5	10.2	9.7	10.0	9.1	9.0	9.3	9.6
1985	8.7	9.1	11.2	9.1	9.0	9.7	9.3	9.3	9.1	9.2	9.4
1986	8.5	8.9	8.9	9.0	8.9	9.5	9.4	9.0	8.4	9.1	9.1
1987	8.4	9.0	8.9	9.0	8.8	9.7	9.0	8.9	8.9	9.2	9.0
1988	9.1	9.2	9.3	9.2	9.1	9.2	9.3	9.4	9.1	9.3	9.2
1989	9.5	9.5	9.5	9.4	9.6	9.8	9.5	9.6	9.3	9.6	9.5
1990	9.3	9.9	9.7	9.5	9.5	9.8	9.6	9.7	9.5	9.2	9.6
1991 ³	9.1	9.8	9.5	9.2	9.0	9.2	9.5	9.4	9.4	8.8	9.3

¹ Includes operator households. For States included in regions, see footnote 1, table 587. ² Contract rates. Excludes Alaska and Hawaii. ³ Preliminary.
Economic Research Service.

Table 585.—Farm real estate debt: Interest charges on debt outstanding, by farming regions,¹ 1977-91²

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1977	215,741	423,396	1,019,455	469,839	326,389	332,079
1978	237,652	503,081	1,249,776	558,425	375,725	378,299
1979	285,209	641,902	1,556,499	685,717	463,895	457,806
1980	352,420	812,402	1,891,536	866,550	564,840	544,509
1981	416,972	977,471	2,326,800	1,089,209	682,172	649,493
1982	471,664	1,146,370	2,662,143	1,250,758	783,925	748,786
1983	499,186	1,202,708	2,275,521	1,255,045	811,025	776,740
1984	489,187	1,178,545	2,620,758	1,219,294	802,759	750,599
1985	409,346	1,098,373	2,898,655	1,118,558	680,025	728,177
1986	373,178	991,447	2,086,736	1,013,109	623,381	669,112
1987	345,042	888,394	1,876,072	911,247	570,831	591,939
1988	363,697	833,064	1,812,211	857,668	576,292	570,801
1989	383,133	803,475	1,779,135	837,967	595,261	586,812
1990	374,495	785,359	1,739,022	819,074	581,840	573,582
1991 ³	360,339	755,673	1,673,288	788,113	559,847	551,901

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1977	246,421	388,008	416,640	499,876	4,558,857
1978	287,170	438,673	482,355	591,655	5,087,124
1979	348,636	518,364	582,181	720,886	6,265,249
1980	425,931	606,123	707,006	862,696	7,654,281
1981	527,830	712,939	842,792	1,028,311	9,287,378
1982	615,260	804,138	931,266	1,173,750	10,645,281
1983	631,107	840,200	940,240	1,261,036	10,951,371
1984	618,986	846,232	930,546	1,287,243	10,848,079
1985	547,523	855,968	903,558	1,243,235	10,268,899
1986	498,247	792,849	777,529	1,163,033	9,172,844
1987	429,491	732,238	744,844	1,093,636	8,209,120
1988	405,835	711,105	693,636	1,038,272	7,887,692
1989	389,108	669,909	663,002	1,049,245	7,781,976
1990	380,334	654,804	648,053	1,025,588	7,606,519
1991 ³	365,958	630,053	623,557	986,822	7,318,998

¹ Includes operator households. For States included in regions, see footnote 1, table 587. ² Interest charges during calendar year. ³ Preliminary.
Economic Research Service.

FARM REAL ESTATE DEBT

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Table 586.—Farm real estate debt: Amount outstanding by lender, United States, Dec. 31, 1977-91

Year	Federal land banks ¹	Farmers Home Administration ²	Life insurance companies ³	All operating banks ⁴	Individuals and others ⁵	CCC storage and drying facility	Total farm mortgage debt
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1977.....	21,540,898	3,982,054	8,819,400	7,780,261	21,335,000	491,756	63,949,367
1978.....	24,816,128	4,121,000	10,478,200	8,556,539	23,638,000	1,147,611	72,756,475
1979.....	29,819,632	6,875,481	12,165,300	8,623,281	27,880,000	1,390,863	86,754,557
1980.....	36,196,104	8,163,270	12,927,800	8,563,457	30,180,000	1,456,359	97,486,994
1981.....	43,825,201	8,876,989	13,073,900	8,342,245	31,770,000	1,342,159	107,230,492
1982.....	47,821,594	9,169,874	12,801,546	8,391,800	32,000,000	1,127,227	111,312,040
1983.....	48,929,289	9,549,631	12,717,600	9,317,100	32,320,000	887,935	113,721,549
1984.....	49,077,303	10,073,213	12,443,200	10,186,133	29,900,000	623,093	112,303,442
1985.....	44,583,842	10,426,971	11,836,400	11,384,920	27,200,000	307,068	105,739,201
1986.....	37,757,626	10,348,597	10,940,200	12,710,650	24,000,000	122,726	95,879,799
1987.....	32,637,687	10,083,239	9,895,800	14,455,162	20,600,000	45,713	87,717,601
1988.....	30,326,707	9,606,796	9,581,700	15,416,700	18,000,000	20,615	82,952,518
1989.....	28,501,000	8,719,834	9,597,900	16,646,179	17,000,000	11,575	80,476,491
1990.....	26,885,056	8,092,986	10,186,300	17,227,171	16,000,000	6,506	78,398,018
1991 ⁶	26,700,747	7,462,411	10,029,300	18,436,918	16,500,000	3,786	79,133,193

¹ Includes operator households. Includes regular mortgages, purchase-money mortgages, and sales contracts.
² Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans, association loans for grazing, Indian tribe land acquisition loans, and one-half of economic emergency loans. ³ Compiled by American Council of Life Insurance. ⁴ Includes all operating commercial, savings, and private banks. ⁵ Estimated by ERS. ⁶ Preliminary.
Economic Research Service.

Table 587.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Dec. 31, 1977-91 ¹

Year	Debt owed to reporting institutions (excluding CCC)					Debts owed to individuals and others	Total excluding CCC loans	Price-support loans made or guaranteed by CCC ³	Total including CCC loans
	All operating banks	Production credit association	Federal intermediate credit banks ²	Farmers Home Administration	Total				
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1977.....	25,709	13,519	374	3,141	42,743	12,244	54,987	4,146	59,133
1978.....	28,273	14,967	509	5,780	49,529	14,297	63,826	4,646	68,472
1979.....	31,034	18,113	665	9,305	59,387	16,610	75,727	3,714	79,441
1980.....	31,564	19,729	810	11,397	63,500	17,721	81,221	3,836	85,057
1981.....	32,858	21,203	913	14,438	69,412	18,780	88,192	6,888	95,080
1982.....	36,128	20,507	871	14,746	72,252	19,530	91,783	15,204	106,987
1983.....	39,026	19,314	850	14,608	73,798	18,945	92,744	10,576	103,320
1984.....	39,599	17,934	875	15,613	74,021	18,000	92,021	8,428	100,449
1985.....	35,513	14,026	537	16,721	66,797	15,378	82,174	17,598	99,772
1986.....	31,240	10,460	275	16,392	58,367	12,391	70,758	19,190	89,948
1987.....	29,041	9,603	165	16,049	54,858	11,139	65,997	15,120	81,117
1988.....	29,799	9,131	n.a.	14,658	53,588	12,000	65,588	8,902	74,490
1989.....	30,782	9,885	n.a.	12,322	52,989	12,500	65,489	5,225	70,714
1990.....	32,913	10,103	n.a.	10,652	53,669	13,000	66,669	4,377	71,046
1991 ⁴	34,584	10,684	n.a.	9,332	54,599	13,250	67,849	3,340	71,189

¹ Includes operator households. ² Loans to and discounts for livestock loan companies and agricultural credit corporations; after 1987, included with Production Credit Association loans. ³ Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as income in the year received. They are not considered farm debt even though borrowers must either pay them or deliver the commodities on which they are based. ⁴ Preliminary. n.a. not available.
Economic Research Service.

Table 588.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1977-92 ¹

Year	Loans to individuals														
	Farm ownership			Soil and water			Recreation			Operating			Emergency		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1977	9,026	501,871	3,040,062	3,334	60,493	77,283	18	1,079	8,929	15,529	539,233	1,033,648	29,707	1,855,311	842,215
1978	10,469	629,639	3,300,445	2,934	53,159	130,084	27	1,677	9,709	23,105	851,109	1,077,517	36,003	2,331,858	2,066,370
1979	9,743	831,493	3,609,729	2,158	53,683	174,658	22	2,722	10,795	19,892	949,165	1,487,523	24,568	2,357,515	4,299,370
1980	9,308	830,623	4,280,875	2,333	55,720	218,573	16	1,855	12,588	16,612	812,559	1,599,927	19,339	2,448,908	6,104,375
1981	7,948	717,373	4,876,025	1,530	43,325	262,050	11	1,450	14,133	17,104	820,626	1,854,440	47,365	4,878,941	7,316,141
1982	6,719	664,528	5,374,765	982	20,231	290,999	4	712	15,309	21,235	1,276,512	2,058,160	5,535	2,038,617	9,981,308
1983	7,035	770,583	5,852,702	709	12,710	297,737	0	0	15,420	25,022	1,750,088	2,499,344	1,729	566,268	10,029,769
1984	6,368	735,359	6,408,540	613	12,147	296,855	0	0	14,179	25,121	2,213,098	3,050,446	20,313	1,033,712	9,481,986
1985	5,269	661,123	6,957,978	393	9,018	296,346	0	0	13,848	38,749	4,694,346	3,750,587	7,661	463,544	9,785,792
1986	3,930	550,440	7,471,575	220	4,899	295,932	0	0	12,989	24,218	3,571,197	5,219,061	3,132	210,122	9,548,561
1987	2,583	391,165	7,592,580	199	4,647	285,430	0	0	11,900	16,699	2,449,059	5,524,707	1,266	102,991	9,055,526
1988	3,468	497,832	7,410,986	296	4,972	274,302	0	0	10,859	11,749	1,786,647	5,444,015	372	29,069	8,857,923
1989	2,585	369,681	7,150,033	304	6,199	255,300	0	0	10,234	10,300	1,679,272	5,021,322	2,163	79,655	8,060,959
1990			6,656,773			225,308			9,271			4,348,195			6,682,433
1991			6,297,382			200,757			8,274			3,885,020			5,695,658
1992			5,871,201			179,600			7,289			3,459,758			4,956,934

See footnotes at end of table.

Table 588.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1977-92 ¹—Continued

Year	Loans to associations									Economic opportunity individual loans			Economic emergency loans			Emergency livestock loans		
	Indian tribe land acquisition			Grazing association			Irrigation, drainage, and soil conservation			New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1									
	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars
1977.....	4	13,414	33,123	6	4,948	77,589	9	5,274	9,541			8,281				1,088	169,552	
1978.....	0	6,500	45,658	3	1,703	78,314	2	86	12,710			5,708	6,400	562,267		315	60,340	
1979.....	1	11,000	² 50,845	4	5,585	² 78,371	7	1,019	² 13,240			3,943	40,195	3,168,639		50	13,392	
1980.....	1	6,380	60,012	0	160	75,262	3	233	18,322			2,831	24,931	1,890,174				
1981.....	1	4,542	62,386	0	0	74,638	2	236	18,255			1,945	10,152	1,007,538				
1982.....	1	62	67,990	0	0	69,350	3	1,243	18,168			1,540	12,601	1,245,354				
1983.....	0	7,450	68,427	0	0	66,748	0	0	18,018			964	0	0		4,516,719		
1984.....	0	2,620	70,564	0	0	63,536	0	0	17,500			739	4,300	599,334		4,240,017		
1985.....	1	1,406	82,631	0	0	60,263	0	0	17,920			599	⁽³⁾	⁽³⁾		4,243,944		
1986.....	1	1,404	83,360	0	0	58,155	0	0	17,479			484				4,002,724		
1987.....	0	0	85,516	0	0	56,660	0	0	16,986			272				3,720,910		
1988.....	0	2,000	88,854	0	0	54,714	0	0	16,278			429				3,581,693		
1989.....	1	461	85,867	0	0	52,833	0	0	14,837			284				3,237,134		
1990.....	0	120	85,059	0	0	47,559	0	0	13,869			137				2,665,810		
1991.....			80,473			42,462			13,394			78				2,271,532		
1992.....			79,345			39,627			12,409			52				1,955,246		

¹ Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency. ² Latest data available as of September 30, 1978. ³ Discontinued.

Farmers Home Administration.

Table 589.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1977-92 ¹

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1977.....	113,365	2,687,028	11,083,704	87	5,490	30,803
1978.....	114,018	3,060,481	12,596,054	85	11,655	38,285
1979.....	85,435	2,556,434	14,495,475	207	36,034	² 40,542
1980.....	84,239	2,765,947	16,130,400	181	24,974	54,631
1981.....	70,850	2,478,378	18,075,547	203	17,512	74,984
1982.....	65,567	2,554,027	19,642,741	199	10,962	97,659
1983.....	49,457	1,970,487	21,181,379	65	4,170	115,580
1984.....	46,011	1,880,689	21,946,326	69	5,815	123,648
1985.....	42,702	1,785,748	22,357,923	91	17,269	122,616
1986.....	24,804	1,052,524	22,666,367	51	10,376	³ 122,954
1987.....	27,670	1,244,699	22,008,584	46	11,375	³ 122,954
1988.....	30,170	1,347,109	18,558,816	54	12,438	135,792
1989.....	26,938	1,236,058	18,588,745	52	10,583	133,877
1990.....			18,669,914			136,192
1991.....			18,948,369			145,114
1992.....			19,072,870			157,206

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1977.....	1,243	646,798	758,726	10	2,098	4,789
1978.....	1,157	729,231	1,069,590	9	3,891	4,688
1979.....	1,153	852,689	² 1,369,615	19	4,039	² 4,481
1980.....	1,087	783,688	2,409,332	7	928	5,283
1981.....	1,146	814,452	3,210,140	5	1,189	7,551
1982.....	1,244	966,670	3,864,875	0	134	5,945
1983.....	1,032	795,591	4,540,754	1	310	4,413
1984.....	1,132	937,433	5,234,310	1	213	3,279
1985.....	1,151	963,945	5,926,748	2	1,275	1,088
1986.....	657	561,395	³ 6,080,462	1	666	³ 1,045
1987.....	664	606,774	³ 6,080,462	3	654	³ 1,045
1988.....	567	558,503	7,922,513	0	0	995
1989.....	576	570,677	8,427,460	2	928	783
1990.....			9,030,731			1,364
1991.....			9,625,135			464
1992.....			10,119,133			249

¹ Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

² Latest data available as of September 30, 1978.

³ Latest data available as of March 31, 1985.

Farmers Home Administration.

Table 590.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1978/79-91

Year ¹	Cooperatives ²				Estimated memberships ⁴				Estimated service receipts ⁵
	Market- ing	Farm supply	Related service ³	Total	Market- ing	Farm supply	Related service ³	Total	
	Number	Number	Number	Number	1,000 members	1,000 members	1,000 members	1,000 members	
1978/79 ⁶	3,825	2,507	113	6,445	2,531	3,060	36	5,627	1,054
1980	3,808	2,369	116	6,293	2,542	2,804	32	5,379	1,209
1981	3,743	2,356	112	6,211	2,452	2,856	27	5,335	1,190
1982	3,714	2,299	112	6,125	2,444	2,666	25	5,135	1,394
1983	3,647	2,208	134	5,989	2,308	2,553	795	4,955	1,468
1984	3,514	2,136	132	5,782	2,317	2,397	128	4,842	1,522
1985	3,441	2,036	148	5,625	2,214	2,398	169	4,781	1,640
1986	3,260	1,971	138	5,369	2,140	2,310	150	4,600	1,760
1987	3,054	1,941	114	5,109	2,026	2,282	132	4,440	1,891
1988	2,988	1,836	113	4,937	1,912	2,142	141	4,195	1,939
1989 ⁸	2,550	1,803	9446	4,799	1,856	2,035	243	4,134	1,974
1990 ¹⁰	2,519	1,717	427	4,663	1,882	2,006	232	4,119	2,347
1991	2,384	1,689	421	4,494	1,842	2,025	191	4,059	2,517

Year ¹	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business ¹¹	Estimated net business ¹²	Estimated gross business ¹¹	Estimated net business ¹²	Estimated gross business ¹¹	Estimated net business ¹²
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1978/79 ⁶	53,669	41,693	22,670	13,521	77,392	56,268
1980	63,650	48,911	27,660	16,134	92,520	66,254
1981	70,162	53,285	30,127	17,059	101,479	71,534
1982	65,600	51,394	28,105	16,362	95,099	69,150
1983	61,209	49,344	26,053	15,943	88,730	66,755
1984	67,627	54,556	27,723	16,969	96,871	73,047
1985	57,033	47,321	26,424	16,641	85,097	65,601
1986	47,595	41,540	23,623	15,095	72,978	58,395
1987	50,315	44,156	22,536	14,271	74,742	60,318
1988	56,204	49,067	23,993	15,424	82,137	66,430
1989 ⁸	60,258	53,247	25,845	16,907	88,077	72,129
1990	64,062	57,831	26,258	17,088	92,667	77,266
1991 ¹⁰	61,425	56,203	26,816	17,916	90,759	76,636

¹ Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following year, with limited exceptions. Reports of cooperatives are included for the calendar year beginning 1978. ² Includes independent local cooperatives, centralized cooperatives, federations of cooperatives and cooperatives with mixed organizational structures. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative. ³ Includes cooperatives whose major activity is providing services related to marketing and farm supply activities. ⁴ Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.) ⁵ Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities. ⁶ Estimated. ⁷ Number of memberships was up significantly due to inclusion of additional related service cooperatives. ⁸ Revised. ⁹ Increased number due to a reclassification of cotton ginning cooperatives from marketing to related services. ¹⁰ Preliminary. ¹¹ Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm supply cooperatives with other cooperatives or terminal market sales for local cooperatives. ¹² Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

Table 591.—Farmers' cooperatives: Business volume, number of marketing, farm supply, and related service cooperatives and business volume, United States, 1990 and 1991 (preliminary)

Item	Gross business		Net business ¹	
	1990	1991	1990	1991
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Products marketed:				
Beans and peas (dry edible).....	216,287	224,635	213,117	219,173
Cotton and cotton products.....	2,236,741	2,549,651	2,087,486	2,343,310
Dairy products.....	21,930,109	19,719,306	20,719,087	18,819,073
Fruits and vegetables.....	8,846,592	8,769,773	8,241,419	8,170,251
Grain, soybeans and soybean meal and oil.....	18,241,163	17,581,959	14,259,206	14,471,817
Livestock and livestock products.....	4,863,296	5,110,703	4,861,412	5,110,703
Nuts.....	802,761	823,223	800,771	823,223
Poultry products.....	1,323,729	1,405,181	1,130,432	1,170,711
Rice.....	734,228	707,034	733,141	705,714
Sugar products.....	2,176,841	1,989,532	2,124,426	1,839,517
Tobacco.....	596,951	570,690	596,951	570,690
Wool and mohair.....	35,067	25,037	19,785	13,728
Miscellaneous ²	2,058,590	1,948,714	2,043,413	1,945,014
Total farm products.....	64,062,355	61,425,438	57,830,646	56,202,924
Supplies purchased:				
Farm chemicals.....	2,773,770	2,587,186	1,767,864	1,825,278
Feed.....	5,815,334	5,684,463	4,102,885	4,096,857
Fertilizer.....	5,638,603	5,936,705	3,230,371	3,631,420
Petroleum products.....	7,753,228	8,402,287	4,715,152	5,117,561
Seed.....	729,898	715,424	561,997	552,171
Other supplies ³	3,546,905	3,490,032	2,710,150	2,692,749
Total farm supplies.....	26,257,738	26,816,097	17,088,418	17,916,038
Receipts for services: ⁴				
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous.....	2,347,345	2,517,306	2,347,345	2,517,306
Total business.....	92,667,438	90,758,841	77,266,410	76,636,268

¹ Represents value at the first level at which cooperatives transact business for farmers. ² Includes coffee, fish, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. ³ Includes automotive supplies, building materials, chicks, containers, farm machinery and equipment, hardware, meats and groceries, and other supplies not separately classified. ⁴ Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

Table 592.—Farmers' cooperatives: Types, numbers, and memberships, United States, 1991

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply, and related service: ¹			
Marketing.....	1991.....	2,384	1,842,413
Farm supply.....	1991.....	1,689	2,024,700
Related services ²	1991.....	421	191,457
Service:			
Federal land bank associations ³	Dec. 31, 1991.....	80	n.a.
Production credit associations ⁴	Dec. 31, 1991.....	72	n.a.
Rural credit unions ⁵	Dec. 31, 1991.....	751	3,413
Rural electric cooperatives ⁶	Dec. 31, 1991.....	⁶ 896	⁷ 11,061
Rural telephone cooperatives ⁸	Dec. 31, 1991.....	241	1,217
Production:			
Dairy herd improvement associations ⁹	Dec. 31, 1991.....	n.a.	31,302

¹ Agricultural Cooperative Service, U.S. Department of Agriculture. ² Includes trucking, storage, grinding, locker plant, and other services. ³ Farm Credit Administration. ⁴ Credit Union National Association, Inc. ⁵ Rural Electrification Administration, U.S. Department of Agriculture. ⁶ Includes associations that are REA repaid borrowers. ⁷ Includes only memberships of associations financed by REA. ⁸ Agriculture Research Service, U.S. Department of Agriculture. n.a. not available.

Agricultural Cooperative Service.

Table 593.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1990 and 1991 (preliminary)

State	Cooperatives headquartered in State		Memberships in State ¹		Net business ¹	Net business, ¹
	1989 ²	1991	1989 ²	1991	1989 ²	1991
	Number	Number	Number	Number	Number	1,000 dollars
AL.....	73	70	65,972	70,955	872,345	881,714
AK.....					(³)	(³)
AZ.....	12	12	63,218	66,105	607,576	695,351
AR.....	91	84	74,702	68,056	1,308,145	1,349,373
CA.....	202	194	64,462	70,538	7,448,146	8,014,370
CO.....	64	63	37,838	38,762	763,305	732,963
CT.....	5	5	2,618	3,271	190,087	176,688
DE.....	3	3	15,152	15,245	94,965	100,462
FL.....	52	53	13,491	29,488	2,310,530	2,240,575
GA.....	16	15	46,019	39,374	925,523	1,007,592
HI.....	26	28	2,592	2,557	594,355	520,091
ID.....	52	46	35,587	28,655	819,261	850,538
IL.....	257	245	227,471	245,632	3,761,266	4,022,843
IN.....	75	71	164,755	156,860	1,826,843	2,290,742
IA.....	304	292	256,396	257,202	5,689,747	5,848,846
KS.....	214	191	184,256	171,432	2,169,716	2,264,822
KY.....	62	54	226,566	209,277	783,813	822,578
LA.....	62	61	15,901	15,953	587,167	500,523
ME.....	7	7	9,002	7,579	162,785	247,941
MD.....	18	16	61,209	50,575	501,759	442,184
MA.....	13	11	8,759	6,716	602,821	733,733
MI.....	87	84	84,994	77,999	1,763,425	1,979,358
MN.....	467	422	352,926	365,117	5,516,001	5,915,168
MS.....	116	109	72,334	78,573	811,118	1,215,599
MO.....	87	77	139,902	151,448	2,184,490	2,170,804
MT.....	101	94	41,050	36,170	367,533	427,613
NE.....	196	179	149,601	143,759	2,473,279	2,792,872
NV.....	(³)	(³)	(³)	(³)	(³)	(³)
NH.....	(³)	(³)	(³)	(³)	(³)	(³)
NJ.....	19	19	9,078	9,683	339,024	501,273
NM.....	12	8	2,073	2,223	53,834	70,155
NY.....	168	170	72,957	99,201	2,052,769	2,079,991
NC.....	29	27	124,598	108,245	790,042	810,503
ND.....	342	295	144,815	145,412	2,007,942	2,104,490
OH.....	117	115	129,119	106,498	2,299,400	2,430,561
OK.....	132	126	84,001	82,302	960,298	999,663
OR.....	46	43	34,536	32,660	1,215,406	1,275,225
PA.....	72	81	80,668	56,596	1,891,022	1,970,900
RI.....	(³)	(³)	(³)	(³)	(³)	(³)
SC.....	10	9	10,868	23,208	175,454	293,210
SD.....	200	186	131,756	133,645	1,327,254	1,562,460
TN.....	92	85	126,068	118,064	625,699	691,265
TX.....	325	309	121,020	117,290	2,441,506	2,596,213
UT.....	30	28	18,432	16,036	417,699	422,988
VT.....	9	9	6,125	6,022	431,640	439,559
VA.....	87	82	218,354	226,248	820,881	912,133
WA.....	106	99	45,748	40,500	2,093,793	2,117,414
WV.....	32	30	60,650	62,244	125,682	111,563
WI.....	287	265	278,877	251,080	5,737,465	6,011,736
WY.....	19	18	7,285	6,500	67,605	107,157
US.....	4,779	4,494			71,144,571	75,868,192
Foreign.....			* 7,448	* 4,752	984,088	768,076
Total.....	4,779	4,494	4,133,542	4,058,570	72,128,659	76,636,268

¹ Represents value at the first level at which cooperatives transact business for farmers. Totals may not add due to rounding. ² Data for 1989 are shown where 1990 data are not available. Statistics for 1990 are presented on a national basis only. ³ Dollar volume or membership is not shown to avoid disclosing operations of individual cooperatives. ⁴ Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

Agricultural Cooperative Service.

Table 594.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1991¹

State and Territory	Borrowers	Total financing			Financing to cooperative associations ²		Financing by purpose			Miles of line provided for by financing ⁶	Consumers provided for by financing ⁶
		REA loans	With REA guarantee	Without REA guarantee ²	Borrowers	Amount ^{2,4}	Distribution	Generation and transmission ^{2,4}	Consumer facilities ⁵		
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Numbers
AL.....	27	458,114	431,973	157,023	24	1,033,129	387,972	657,780	1,359	55,363	444,327
AK.....	16	746,096	259,375	99,807	14	1,051,485	471,920	632,269	1,089	9,823	170,411
AZ.....	14	210,100	380,968	45,711	8	552,550	186,320	399,970	490	16,120	129,919
AR.....	21	705,583	877,929	202,586	20	1,785,575	634,617	1,147,010	4,471	63,323	394,890
CA.....	10	75,513	0	5,363	7	56,390	67,014	13,805	56	6,379	74,945
CO.....	24	925,661	1,387,100	468,456	24	2,781,217	690,046	2,091,097	74	61,859	329,977
CT.....	0	0	0	0	0	0	0	0	0	0	0
DE.....	1	56,030	0	18,666	1	74,696	73,832	861	3	4,161	47,939
FL.....	18	747,255	902,138	487,552	16	2,136,733	938,844	1,195,783	2,519	58,584	701,639
GA.....	48	1,219,410	4,894,645	1,672,439	46	7,786,230	1,616,362	6,167,173	2,959	126,562	1,214,911
HI.....	0	0	0	0	0	0	0	0	0	0	0
ID.....	10	131,735	0	26,743	10	158,479	135,061	22,221	1,197	11,639	50,345
IL.....	29	489,070	977,608	142,139	28	1,608,736	455,336	1,150,269	212	54,086	238,562
IN.....	48	389,674	1,926,888	427,717	47	2,743,849	350,315	2,393,247	717	51,674	373,324
IA.....	54	661,628	388,727	111,513	51	1,080,268	450,056	631,416	397	65,576	190,651
KS.....	37	496,497	689,344	91,037	36	1,276,873	435,642	840,822	415	70,695	194,680
KY.....	29	933,732	2,237,301	486,109	28	3,657,141	727,985	2,927,998	1,159	75,449	621,766
LA.....	20	557,485	2,769,202	227,134	18	3,545,324	562,360	2,991,283	177	45,914	402,521
ME.....	4	24,537	0	763	4	25,306	21,714	3,548	44	1,755	15,036
MD.....	2	186,845	18,355	101,106	2	306,306	211,768	94,538	0	12,282	133,144
MA.....	0	0	0	0	0	0	0	0	0	0	0
MI.....	14	353,796	817,067	58,487	14	1,229,350	295,596	933,281	473	31,134	225,416
MN.....	52	964,222	1,211,197	356,984	50	2,531,435	848,750	1,679,299	4,346	110,735	531,908
MS.....	29	607,519	713,709	190,697	27	1,509,225	644,775	866,455	694	77,399	570,927
MO.....	49	1,102,684	911,860	436,280	48	2,450,789	840,200	1,609,803	821	110,767	567,792
MT.....	26	300,575	8,648	34,176	26	343,399	279,872	63,298	229	44,026	107,798
NE.....	36	452,926	0	31,277	4	65,261	377,826	105,815	562	75,244	170,869
NV.....	8	71,569	1,241	6,471	3	86,220	57,906	21,127	248	5,906	19,737
NH.....	1	100,398	146,182	8,696	1	255,276	103,050	152,194	32	4,616	64,601
NJ.....	2	15,920	0	4,411	2	20,330	19,185	1,141	4	993	13,182
NM.....	18	325,149	387,682	144,295	17	856,992	284,384	569,733	3,010	39,151	162,677
NY.....	6	29,399	0	7,349	5	34,885	36,489	174	85	4,666	22,592
NC.....	35	685,265	1,523,875	378,612	30	2,586,857	792,361	1,790,755	4,635	73,927	685,043
ND.....	28	905,554	2,079,185	852,887	26	3,832,026	477,447	3,358,193	1,986	66,978	114,471
OH.....	29	387,272	72,110	430,635	28	883,774	393,244	496,555	218	42,466	287,799
OK.....	29	862,390	637,093	205,434	27	1,704,616	830,046	872,195	2,676	95,152	446,780
OR.....	18	241,612	54,128	59,168	17	343,562	252,340	102,331	237	21,941	115,151
PA.....	13	238,505	611,653	92,642	13	942,801	285,866	656,696	239	25,025	190,428
RI.....	0	0	0	0	0	0	0	0	0	0	0
SC.....	27	702,552	523,036	260,589	25	1,481,671	701,698	782,248	2,231	56,726	498,353
SD.....	34	458,840	13,628	29,825	34	502,293	371,458	129,954	881	63,307	127,498
TN.....	32	383,875	1,200	104,110	20	446,829	482,503	6,637	45	68,938	735,145
TX.....	101	2,107,373	1,225,428	569,687	99	3,844,752	2,104,310	1,795,654	2,524	252,302	1,316,293
UT.....	6	72,455	1,027,311	216,171	6	1,315,937	60,198	1,255,616	124	5,783	23,326
VT.....	3	54,024	50,726	6,585	3	111,334	41,481	68,950	903	2,871	22,436
VA.....	19	500,251	926,000	154,620	18	1,580,678	613,272	966,932	667	39,971	334,731
WA.....	23	190,976	825	32,226	11	162,652	213,874	9,901	252	20,127	95,943
WV.....	1	8,016	0	1,059	1	9,075	9,070	0	5	746	6,202
WI.....	30	469,232	263,093	108,288	29	840,522	302,474	536,330	1,809	42,075	192,143
WY.....	15	229,375	2,585	21,582	14	253,463	189,356	64,085	101	27,999	76,459
US.....	1,096	21,836,686	31,221,004	9,575,116	982	61,866,293	20,328,992	42,256,441	47,374	2,201,215	13,456,187
PR.....	1	266,157	0	16,499	0	0	243,102	39,554	0	15,993	528,062
VI.....	1	430	0	0	0	0	234	197	0	85	912
Total.....	1,098	22,103,273	31,221,004	9,591,615	982	61,866,293	20,672,327	42,296,192	47,374	2,217,293	13,985,161

¹ State total represents data for borrowers incorporated within the State. ² Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing. ³ Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$521,311,509; municipalities and other Government authorities, 36 borrowers, \$494,333,334; power companies, 26 borrowers, \$33,955,037. ⁴ Includes \$31,221,004,249, REA guarantee commitments made as of Jan. 1, 1992. ⁵ Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations. ⁶ Includes miles energized and consumers served, shown in tables 595 and 596.

Rural Electrification Administration.

Table 595.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1991, by States and Territories ¹

State and Territory	Total advances as of Jan. 1, 1992 ²	Statistics for borrowers in operation									
		As of Jan. 1, 1992			Calendar year 1991						
		Borrowers	Miles energized ⁴	Consumers served ⁴	Kw.-hr. generated	Kw.-hr. purchased ⁵	Kw.-hr. sales ⁶	Total revenue ⁶	Average monthly kw.-hr. consumption per consumer		
									All consumers	Residential consumers ⁷	
	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.	
AL	458,114,006	26	59,504	440,810	2,872,406	10,533,529	8,285,439	507,783	1,509	1,034	
AK	746,095,848	16	9,906	156,582	507,702	2,054,024	1,588,412	179,000	1,422	706	
AZ	210,100,419	14	17,614	134,816	2,420,742	3,980,734	3,876,732	235,872	2,095	559	
AR	705,583,151	21	62,252	331,755	7,377,024	8,682,304	5,894,411	397,581	1,502	931	
CA	75,512,523	9	5,433	31,401	0	339,071	309,987	24,016	1,249	779	
CO	925,660,991	24	60,890	310,764	4,073,762	9,248,586	8,324,177	493,157	1,578	786	
CT	0	0	0	0	0	0	0	0	0	0	
DE	56,029,881	1	4,103	46,059	0	569,588	522,888	44,927	960	878	
FL	747,255,153	18	56,375	610,183	8,249,978	8,543,933	7,829,538	621,382	1,152	927	
GA	1,219,409,712	46	125,402	1,075,319	12,686,323	24,274,484	20,990,861	1,585,109	1,290	1,003	
HI	0	0	0	0	0	0	0	0	0	0	
ID	131,735,470	10	11,789	46,398	0	1,212,772	1,125,643	58,522	2,066	1,068	
IL	489,069,970	29	54,030	217,456	1,951,386	4,959,420	3,321,137	318,616	1,319	961	
IN	389,673,722	45	52,387	366,442	5,983,327	6,361,237	8,414,467	521,174	1,395	1,068	
IA	661,628,295	54	64,562	177,734	2,870,106	4,121,246	3,845,716	268,389	1,485	1,233	
KS	496,497,066	36	69,828	176,402	2,468,751	4,624,735	4,208,443	282,925	1,522	780	
KY	933,732,106	28	75,213	534,347	15,149,507	18,844,092	17,149,827	825,951	2,518	1,052	
LA	557,484,944	17	44,476	310,698	9,355,155	5,243,138	7,510,110	467,172	1,321	1,067	
ME	24,536,765	4	1,871	14,556	15	122,702	106,549	11,720	615	411	
MD	186,844,500	2	12,100	128,338	0	2,655,106	2,488,893	185,405	1,636	1,120	
MA	0	0	0	0	0	0	0	0	0	0	
MI	353,795,631	14	31,287	214,202	468,312	2,903,574	1,839,968	159,863	724	569	
MN	964,222,382	52	110,366	514,601	9,487,060	9,532,906	11,144,812	617,161	1,267	961	
MS	607,518,504	29	79,627	520,229	3,071,853	12,790,662	8,963,892	596,085	1,579	1,044	
MO	1,102,684,032	47	110,964	490,897	7,365,369	21,261,383	12,770,711	657,597	1,316	972	
MT	300,575,272	26	43,578	98,964	0	2,896,786	1,678,896	101,024	1,427	1,020	
NE	452,925,603	36	69,082	160,237	0	4,373,783	3,193,662	154,458	1,748	1,142	
NV	71,569,147	8	9,042	21,637	0	1,041,851	946,823	46,451	3,782	1,018	
NH	100,397,884	1	4,663	64,022	0	620,256	575,239	70,618	752	558	
NJ	15,919,660	2	987	12,498	0	107,238	101,579	12,223	864	748	
NY	325,149,017	18	39,722	144,650	1,508,677	3,689,990	2,808,491	204,304	1,579	467	
NM	29,398,890	5	4,311	20,257	0	154,295	139,606	11,326	851	782	
NC	685,265,300	33	74,166	614,410	3,935,047	17,088,494	11,469,906	917,932	1,162	946	
ND	905,553,764	27	65,793	103,312	18,064,122	6,072,641	13,896,814	437,570	2,333	1,274	
OH	387,272,210	29	40,924	282,143	4,949,822	5,156,239	4,619,1200	310,114	1,428	1,048	
OK	862,389,736	29	94,241	347,793	4,049,997	6,014,778	5,989,316	416,531	1,323	944	
OR	241,611,749	18	22,242	113,868	0	2,960,466	2,751,647	140,329	2,069	1,240	
PA	238,505,329	13	25,296	177,291	1,556,829	2,357,618	1,988,721	197,992	818	697	
RI	0	0	0	0	0	0	0	0	0	0	
SC	702,551,725	23	55,067	454,375	1,315,665	15,633,156	8,345,754	572,920	1,400	1,092	
SD	458,839,603	34	62,695	109,540	0	3,604,454	1,922,544	138,201	1,462	1,111	
TN	383,875,033	32	70,554	706,319	0	15,272,339	14,376,363	858,912	1,739	1,231	
TX	2,107,372,702	82	251,591	1,071,171	5,811,408	21,727,232	13,138,099	968,048	1,319	942	
UT	72,455,496	6	5,746	23,082	3,279,692	1,361,333	3,580,135	136,507	4,632	884	
VT	54,023,732	3	2,858	21,430	54,158	269,892	207,988	19,244	689	607	
VA	500,250,756	15	40,652	317,751	1,544,361	10,764,690	5,771,607	415,931	1,525	1,022	
WA	190,975,598	23	20,262	94,354	0	3,718,626	3,569,495	92,643	4,691	1,479	
WV	8,015,633	1	741	4,863	0	42,271	38,225	3,513	660	625	
WI	469,232,178	30	42,422	184,428	3,902,236	3,282,858	3,131,182	197,418	1,103	956	
WY	229,374,817	15	27,860	70,600	8,794	2,833,127	2,638,071	146,949	3,241	967	
PR	266,157,000	1	16,325	542,552	4,792,345	0	4,047,135	399,951	0	0	
VI	430,126	1	97	853	0	0	0	0	0	0	
US	22,103,273,037	1,053	2,210,896	12,612,389	151,131,931	293,903,639	252,568,951	16,030,516	1,483	984	

¹ State totals represent data for borrowers incorporated within the State. ² Actual funds advanced out of REA loans approved, as shown in table 594. ³ Cumulative. ⁴ Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1992, there were 116 such borrowers with 135,207 miles energized and 724,271 consumers served. ⁵ Includes 169,657,436 thousands of Kw.-hr. sold by one REA borrower to another. ⁶ Excludes energy sales and revenues of power sold by one REA borrower to another. ⁷ Includes rural nonfarm and farm consumers.

Rural Electrification Administration.

Table 596.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1977-92

Year	Total advances as of Jan. 1 ¹	Statistics for borrowers in operation							Average monthly kw.-hr. consumption per consumer	
		As of Jan. 1			During year					
		Bor- rowers	Miles ener- gized ²	Consum- ers served ²	Kw.-hr. generated	Kw.-hr. pur- chased ³	Kw.-hr. sales ³	Total revenue ³	All con- sumers	Residen- tial consum- ers ⁴
	1,000 dollars	Num- bers	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.
1977.....	10,143,415	1,048	1,857,434	8,311,779	46,014,515	102,626,911	131,547,776	4,212,317	1,313	910
1978.....	10,868,424	1,051	1,890,173	8,630,818	52,472,215	107,477,358	141,908,005	5,009,862	1,339	937
1979.....	11,662,272	1,052	1,917,859	8,962,540	60,181,476	109,060,591	150,055,226	5,770,136	1,335	919
1980.....	12,588,246	1,050	1,950,394	9,275,086	69,536,829	111,231,691	160,243,316	6,902,533	1,361	935
1981.....	13,513,686	1,050	1,978,758	9,523,552	77,231,104	111,516,120	167,687,587	8,294,511	1,337	901
1982.....	14,454,331	1,051	2,009,504	9,844,319	81,568,123	111,574,193	172,731,820	9,691,692	1,326	905
1983.....	15,208,521	1,055	2,036,416	10,096,448	93,058,714	117,966,290	187,193,706	11,175,321	1,317	896
1984.....	15,865,444	1,060	2,057,702	10,555,401	106,753,172	125,172,354	209,063,661	12,217,509	1,364	914
1985.....	16,489,186	1,060	2,082,093	10,836,358	120,372,848	118,618,780	215,175,311	13,075,624	1,360	906
1986.....	17,093,166	1,059	2,100,005	11,110,158	120,831,669	115,456,553	215,599,260	13,502,228	1,351	920
1987.....	17,806,064	1,057	2,122,550	11,357,105	137,302,039	107,963,444	223,965,317	13,901,489	1,358	925
1988.....	18,437,359	1,058	2,142,419	11,628,110	147,851,823	111,686,692	236,468,484	14,481,656	1,419	951
1989.....	19,007,355	1,057	2,150,389	11,797,981	154,164,812	109,322,913	239,666,253	15,091,916	1,427	952
1990.....	19,738,972	1,056	2,178,530	12,139,143	156,280,995	117,818,936	252,151,483	15,813,230	1,461	961
1991.....	20,500,021	1,053	2,197,841	12,382,969	151,131,931	124,246,203	252,568,951	15,630,565	1,483	984
1992 ⁵	21,029,091	1,053	2,210,896	12,612,389						

¹ Cumulative from organization, May 11, 1935.² Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1992, there were 116 such borrowers with 135,207 miles energized and 724,271 consumers served.³ Excludes energy sales and revenues of power sold by one REA borrower to another.⁴ Includes patronage capital.⁵ Includes rural nonfarm and farm consumers.⁶ Actual funds advanced out of REA loans approved, as shown in table 594.

Rural Electrification Administration.

Table 597.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1977-91

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins ¹	Total utility plant
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1977.....	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848
1978.....	7,038,706	5,924,401	386,331	431,372	389,250	20,352,316
1979.....	8,061,512	6,735,053	514,826	500,848	443,256	23,620,001
1980.....	9,706,783	8,149,970	706,931	588,533	396,977	28,444,246
1981.....	11,759,376	9,828,959	920,760	685,295	518,996	34,633,972
1982.....	13,982,308	11,391,946	1,328,619	803,108	853,332	40,045,511
1983.....	15,736,190	12,590,141	1,576,040	905,907	914,055	45,066,850
1984.....	18,002,160	14,537,339	1,871,276	1,009,377	1,043,918	48,277,970
1985.....	19,192,639	15,400,874	2,142,551	1,112,915	968,126	51,467,029
1986.....	19,942,767	15,837,161	2,381,503	1,243,538	949,786	54,498,999
1987.....	20,500,204	16,060,730	2,668,876	1,408,996	747,826	55,454,335
1988.....	21,226,292	16,678,223	2,742,793	1,453,262	758,237	54,039,460
1989.....	22,334,246	17,660,877	2,676,989	1,568,342	763,670	57,288,116
1990.....	22,585,656	17,861,858	2,815,507	1,636,999	735,104	58,228,240
1991.....	23,158,838	18,570,475	2,841,968	1,660,453	767,973	58,997,507

Rural Electrification Administration.

Table 598.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1977-92 ¹

Year	Water and waste loans			Recreation loans			Watershed and flood prevention organization loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1977.....	1,076	693,046	2,143,117			91,140	8	5,166	60,916
1978.....	789	824,234	2,584,580			87,753	11	11,692	67,704
1979.....	846	876,650	2,908,602			84,649	3	4,818	67,550
1980.....	874	764,248	3,620,983			82,069	9	11,947	69,891
1981.....	765	603,059	4,220,819			79,400	5	14,858	70,674
1982.....	435	381,316	4,771,764			77,081	2	1,754	71,642
1983.....	522	593,298	5,392,308			73,993	0	110	73,064
1984.....	259	263,600	5,744,728			70,319	0	0	73,025
1985.....	363	357,565	6,187,239			66,449	1	2,233	75,011
1986.....	298	343,680	6,518,415			63,190	2	473	75,001
1987.....	275	341,935	6,667,123			59,977	0	0	72,446
1988.....	308	335,630	5,247,150			58,436	0	0	71,402
1989.....	317	312,845	4,070,266			53,978	0	0	74,116
1990.....			2,927,004			50,393			75,897
1991.....			3,189,505			46,433			73,324
1992.....			3,429,440			41,663			63,780

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1977.....	8	1,006	11,764	504	377,619	11,201	282	188,397	208,381			8,566
1978.....	4	1,137	12,147	1,168	1,150,006	20,511	352	245,373	324,373			6,896
1979.....	9	1,878	* 12,942	1,275	1,104,011	* 22,256	521	274,689	* 463,623			* 6,128
1980.....	6	1,850	13,392	812	1,169,050	33,404	564	238,793	700,841			4,592
1981.....	12	1,934	14,307	385	434,787	32,916	577	219,957	937,483			4,237
1982.....	4	885	14,234	65	130,521	37,763	167	119,467	1,159,666			3,924
1983.....	3	1,207	14,397	57	114,096	38,645	129	133,961	1,363,275			3,581
1984.....		30	15,132	60	97,183	38,067	105	127,870	1,439,344			3,376
1985.....	1	500	15,530	37	54,284	41,954	152	127,095	1,508,270			2,827
1986.....	0	0	14,929	31	55,268	40,803	95	84,090	1,541,675			2,426
1987.....	0	0	14,188	53	106,753	38,042	148	110,439	1,573,277			2,151
1988.....	0	0	13,494	83	104,983	37,382	173	96,756	1,123,011			2,691
1989.....	0	0	12,357	73	78,863	21,571	197	86,603	1,018,217			2,480
1990.....			9,671			19,433			887,595			2,157
1991.....			8,664			18,592			960,088			1,480
1992.....			7,969			14,095			1,009,110			1,179

¹ Includes loans made directly by FmHA and those guaranteed by the Agency. Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments for loans made directly by the Agency.

² Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

³ Funding for this program is no longer available. ⁴ Latest data available as of September 30, 1978.

⁵ Discontinued.

Farmers Home Administration.

Table 599.—Loans to farmers' cooperative organizations:¹ Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1977-92²

Year	Operating capital loans	Facility loans	Year	Operating capital loans	Facility loans
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
1977.....	2,721,034	2,340,635	1985.....	3,986,367	4,650,183
1978.....	2,900,182	2,831,537	1986.....	2,851,869	4,912,440
1979.....	3,028,524	2,838,501	1987.....	2,416,795	4,588,297
1980.....	4,869,672	3,777,786	1988.....	3,326,506	4,367,016
1981.....	5,215,863	4,289,665	1989.....	3,202,704	4,271,559
1982 ¹	4,195,537	4,927,878	1990.....	5,508,610	5,627,188
1983.....	3,086,662	5,115,004	1991.....	5,887,781	5,755,085
1984.....	4,247,476	4,736,128	1992.....	6,292,571	6,536,694

¹ Data for 1982 are net of unearned income. ² Includes Puerto Rico.

Farm Credit Administration.

Table 600.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1977-91

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin ¹	Total telephone plant ²
	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1977.....	896	1,086,604	854,119	101,996	232,251	131,485	5,073,933
1978.....	902	1,305,261	754,020	117,455	270,363	160,807	5,769,947
1979.....	919	1,539,743	883,890	140,605	312,337	199,589	6,557,728
1980.....	936	1,757,740	1,015,255	167,764	361,059	216,356	7,388,150
1981.....	949	2,042,065	1,186,675	192,568	423,536	261,656	8,033,999
1982.....	950	2,388,847	1,407,406	215,923	483,498	313,593	8,897,003
1983.....	949	2,642,505	1,516,428	231,580	557,648	369,061	9,531,783
1984.....	946	2,910,194	1,665,204	247,370	603,913	453,002	10,194,739
1985.....	942	3,108,223	1,793,557	261,690	627,547	492,001	10,670,875
1986.....	935	3,180,792	1,840,849	265,183	642,118	514,495	10,917,495
1987.....	920	3,339,427	1,880,660	274,736	694,991	597,680	11,621,095
1988.....	913	3,598,291	2,004,638	276,539	751,206	690,583	12,071,384
1989.....	903	3,888,083	2,181,215	281,563	795,408	787,357	12,814,112
1990.....	897	4,181,185	2,382,942	288,101	834,967	846,903	13,755,550
1991.....	902	4,449,028	2,566,205	297,523	890,204	866,808	14,534,472

¹ Includes other income and deductions (net) unregulated and extraordinary and delayed items beginning 1984.

² Investment in physical plant and related facilities.

Rural Electrification Administration.

Table 601.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1977-92

Year	Total advances as of Jan. 1 ¹		Operating statistics as of Jan. 1			Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	
	1,000 dollars	1,000 dollars	Number	Number	Number	1,000 dollars
1977.....	2,370,610	429,329	876	21,188	3,283,223	1,086,604
1978.....	2,526,906	515,020	895	23,475	3,599,069	1,305,261
1979.....	2,674,893	660,210	902	26,270	3,877,060	1,539,743
1980.....	2,892,056	793,682	919	27,936	4,072,709	1,757,740
1981.....	3,150,443	997,293	936	28,441	4,262,359	2,042,065
1982.....	3,415,708	1,136,115	949	28,677	4,374,947	2,388,847
1983.....	3,639,548	1,242,381	950	28,805	4,545,576	2,642,505
1984.....	3,819,768	1,339,880	949	28,867	4,628,778	2,910,194
1985.....	4,002,328	1,421,596	946	28,743	4,746,909	3,108,223
1986.....	4,133,786	1,488,332	942	28,297	4,792,145	3,180,792
1987.....	4,375,927	1,555,382	935	27,805	4,832,686	3,339,427
1988.....	4,541,547	1,627,263	920	27,975	5,004,558	3,598,291
1989.....	4,707,800	1,747,637	913	27,454	5,096,867	3,888,083
1990.....	4,864,684	1,835,519	903	27,617	5,276,450	4,181,185
1991 ²	5,083,536	1,940,799	897	28,199	5,472,216	4,449,028
1992.....	5,252,444	2,101,684	402	28,207	5,834,602	0

¹ Cumulative from organization, Oct. 28, 1949.

² Actual funds advanced out of loans approved, as shown in table 608.

Rural Electrification Administration.

Table 602.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1992 and revenues for 1991, by States and Territories ¹

State and Territory	Total advances as of Jan. 1, 1992 ²		Operating statistics as of Jan. 1, 1992		Revenues for 12 months ending Dec. 31, 1991 ⁴
	REA	RTB	Borrowers reporting	Total subscribers	
	1,000 dollars	1,000 dollars	Number	Number	1,000 dollars
Alabama.....	144,854	79,687	25	152,908	113,870
Alaska.....	112,886	58,610	12	93,827	118,362
Arizona.....	40,404	77,978	6	133,379	151,858
Arkansas.....	95,560	47,048	17	214,120	155,639
California.....	81,245	47,562	13	60,115	104,682
Colorado.....	42,297	18,279	16	29,919	26,722
Connecticut.....					
Delaware.....					
Florida.....	39,106	33,957	6	105,186	85,812
Georgia.....	228,346	144,944	25	376,610	288,619
Hawaii.....					
Idaho.....	35,213	7,720	12	19,014	19,362
Illinois.....	73,085	21,440	23	86,898	59,742
Indiana.....	92,067	18,156	27	90,848	54,936
Iowa.....	128,462	36,941	76	162,017	110,902
Kansas.....	182,226	38,198	31	180,550	131,513
Kentucky.....	229,121	47,111	16	208,908	122,821
Louisiana.....	97,918	42,494	16	97,059	99,396
Maine.....	30,634	34,634	13	83,336	59,871
Maryland.....	2,061	3,605	1	4,580	2,936
Massachusetts.....	1,835	520	1	2,375	1,789
Michigan.....	95,426	54,649	27	148,463	97,717
Minnesota.....	254,459	85,373	66	302,114	202,334
Mississippi.....	91,353	11,363	14	60,198	46,759
Missouri.....	177,124	41,913	23	282,442	250,727
Montana.....	159,010	1,972	11	39,935	45,703
Nebraska.....	100,469	27,765	30	73,227	60,187
Nevada.....	7,006	7,250	3	5,748	5,148
New Hampshire.....	15,479	11,201	8	26,289	20,837
New Jersey.....	14,295	16,554	1	147,782	93,205
New Mexico.....	151,607		8	25,882	48,827
New York.....	40,687	43,973	26	127,875	85,824
North Carolina.....	195,040	105,046	19	365,034	232,231
North Dakota.....	174,577	13,918	13	64,321	53,281
Ohio.....	28,781	4,812	17	22,928	15,416
Oklahoma.....	196,103	98,696	27	140,932	128,218
Oregon.....	51,463	34,909	21	63,546	52,285
Pennsylvania.....	69,134	204,685	22	442,062	279,874
Rhode Island.....					
South Carolina.....	182,490	137,236	17	250,908	157,501
South Dakota.....	164,336	16,454	19	59,594	44,185
Tennessee.....	278,962	63,124	21	246,631	130,432
Texas.....	427,080	123,795	39	200,646	218,365
Utah.....	28,669	6,403	7	11,738	14,040
Vermont.....	4,785	6,955	5	12,877	10,464
Virginia.....	62,234	19,583	10	51,510	30,661
Washington.....	37,769	18,794	13	31,837	28,664
West Virginia.....	53,916	17,695	7	59,258	46,146
Wisconsin.....	241,976	130,809	82	347,098	206,977
Wyoming.....	13,711	5,692	5	11,902	14,892
Micronesia.....	13,208		1	2,799	6,247
Guam.....	73,652	3,527	1	42,480	35,801
Marshall Isl.....	4,513		1	1,210	2,759
No. Mariana Isl.....	11,212	28,656	1	12,583	18,845
Puerto Rico.....	115,677				
Virgin Islands.....	58,906		1	51,104	55,641
United States.....	\$5,252,444	\$2,101,684	902	\$5,834,602	\$4,449,028

¹ Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

² Actual funds advanced out of loans approved, as shown in table 613. ³ Cumulative. ⁴ Reported 902 borrowers.

Rural Electrification Administration.

Table 603.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1992 ¹

State	Total financing as of Jan. 1, 1992				Operating statistics for year 1991			
	Borrow- ers	REA loans	RTB loans	REA guar- antee commit- ments	Rt. mi. of line provided for by financ- ing (total)	Subscribers provided for by financing		
						Total	To receive initial service	To receive improved service
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	Number	Number
AL	26	174,798	101,198	11,901	267	1,759	131	1,628
AK	12	142,398	105,190	34,013	2,566	12,080	12,080	
AZ	6	54,072	99,594	5,000	238			
AR	20	136,543	93,079	35,744	365	4,183	4,183	
CA	15	82,010	63,883	10,396	628	3,754	3,754	
CO	19	50,172	18,525		291	101	101	
CT								
DE								
FL	9	49,769	57,093	76,556	223	4,576	4,576	
GA	27	283,888	190,280	82,184	303	5,047	5,047	
HI								
ID	12	41,012	9,942		41	113	113	
IL	26	75,738	26,218					
IN	36	102,716	26,784		99	706	706	
IA	86	138,750	62,752	5,371	61	1,138	1,138	
KS	31	204,023	39,853	11,434				
KY	17	246,736	62,710	26,400	177	3,915	3,915	
LA	22	173,336	63,419	13,651	867	8,746	690	8,056
ME	13	32,338	48,251	1,875	53	1,092	1,092	
MD	1	2,061	4,080					
MA	1	1,835	1,040					
MI	34	108,685	87,896	2,953	162	1,545	869	676
MN	68	273,540	104,344	10,239	79	2,539	2,539	0
MS	17	105,315	19,996	5,200	189	827	827	
MO	27	213,403	58,952	47,203	171	1,875	943	932
MT	12	168,920	1,972					
NE	33	111,965	40,185					
NV	4	7,603	7,250					
NH	8	20,308	15,349		6	136	136	
NJ	1	14,295	16,554	3,084				
NM	8	161,051			817	505	505	
NY	29	53,716	54,905	18,220	93	2,138	1,447	691
NC	21	205,519	153,557	19,512	437	13,105	11,961	1,144
ND	13	185,184	13,918					
OH	19	30,403	8,702					
OK	30	228,883	117,364	2,744	1,988	13,441	694	12,747
OR	27	59,304	43,327	15,301	1,352	2,466	2,466	
PA	28	78,846	242,315	43,247	21	744	744	
RI								
SC	19	198,475	216,102	7,885	285	4,389	4,389	
SD	19	209,332	16,454		45	639	639	
TN	21	358,434	78,827	14,358	710	9,090	9,090	
TX	59	497,649	168,057	76,131	705	982	982	
UT	8	31,232	7,493					
VT	5	4,785	12,461		2	201	201	
VA	12	66,134	39,770		62	1,632	1,632	
WA	19	38,739	22,312		218	252	252	
WV	7	66,496	17,896	5,250				
WI	87	255,520	151,835	23,700	59	373	373	
WY	5	13,937	5,692					
Micronesia	1	41,000						
GM	1	106,298	19,610	24,700	201	10,838	10,838	
Marshall Isl	1	18,800						
No. Mariana Isl	1	11,212	46,833	48,646	449	6,909	6,909	
Puerto Rico	2	115,677						
Virgin Islands	1	66,214						
United States	1,026	6,119,073	2,863,818	682,898	14,230	121,836	95,962	25,874

¹ State totals represent data for borrowers incorporated within the State.

Rural Electrification Administration.

CHAPTER XI

STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

Table 604.—Commodity Credit Corporation: Price support granted on 1989 crop, United States and Territories ¹

Commodity	Unit	Through Sept. 30, 1989	
		Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>
Cotton, upland.....	Bale	3,732	877,744
Cotton, extra-long staple.....	...do	11	4,561
Seed cotton, upland.....	Pound.....	7,095	3,653
Seed cotton, extra-long staple.....	...do	0	0
Wheat	Bushel	113,410	231,737
Corn.....	...do	919,854	1,486,599
Honey.....	Pound.....	162,832	91,178
Milk and butterfat:			
Butter.....	Pound.....	0	0
Cheese.....	...do	0	0
Dried milk.....	...do	0	0
Tobacco.....	...do	470	55,671
Rice, rough.....	Cwt	121,869	805,352
Grain sorghum.....	Bushel	20,876	32,040
Peanuts, farmers' stock.....	Pound.....	209,118	66,773
Oats.....	Bushel	1,853	1,502
Barley.....	...do	23,904	29,655
Beans, dry edible.....	Pound.....	0	0
Rye.....	Bushel	563	752
Soybeans.....	...do	208,887	937,352
Sugar:			
Beets.....	Pound.....	3,052,764	613,863
Cane.....	...do	1,488,633	253,875
Special purchase programs.....		0	0
Total.....		6,335,871	5,492,307

¹ Consists of loans made and acquisitions under commodity loan and purchase programs. Agricultural Stabilization and Conservation Service.

Table 605.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1976-90 ¹ (Inventory quantity)

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	Million bushels	Million pounds	Million pounds	Million bushels	1,000 bales	Million cwt.	Million bushels	Million bushels	Million pounds
1976.....	(³)	21	5	(³)			(³)	453	
1977.....	(³)	198	95	1	(²)			1	708
1978.....	1	207	35	77	(²)			37	658
1979.....	3	177	5	100	(³)			45	529
1980.....	4	331	244	254	(³)			44	707
1981.....	3	449	644	248	(³)			38	944
1982.....	5	503	945	429	(³)			47	1,377
1983.....	11	578	1,097	1,230	1			189	1,718
1984.....	13	401	918	296	0			106	1,489
1985.....	47	304	882	477				161	1,328
1986.....	85	326	819	1,265	874			398	995
1987.....	84	230	474	1,843	(²)			538	455
1988.....	38	234	123	679	(²)			454	123
1989.....	38	381	46	676	(²)			342	32
1990.....	12	380	2	214	(²)			158	66

Year	Oats	Peanuts ⁴	Rice ⁵	Rye	Soybeans	Honey	Wheat	Value of all commodities owned ⁶
	Million bushels	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1976.....	3	92	19.1				(³)	634
1977.....	(²)	(²)	18.6				34	1,104
1978.....	2		10.4	(²)	(²)		50	1,186
1979.....	3		8.1	(³)	(²)		50	1,237
1980.....	3		1.7	(³)	(²)		203	2,802
1981.....	2		(³)	(³)	(²)		191	3,779
1982.....	1		18	(³)	14		185	5,507
1983.....	1		24	1	23		376	10,597
1984.....	2		26	6	3		419	6,654
1985.....	2		43	16	124		557	8,309
1986.....	4	(²)	34	18	333		987	13,848
1987.....	3		8	18	212		888	12,331
1988.....	2		(²)	(²)	(²)		305	4,856
1989.....	1		4	5	1		161	4,018
1990.....	1		(²)	1		17	145	2,106

¹ Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products. ² Less than 50,000 units. ³ Less than 500,000 units.

⁴ Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts. ⁵ Rough basis; includes milled rice in rough equivalent. ⁶ The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

Agricultural Stabilization and Conservation Service.

Table 606.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1985-90 ¹

Commodity	Unit	1985		1986		1987	
		Quantity pledged	Face amount	Quantity pledged ²	Face amount ²	Quantity pledged	Face amount
			1,000 dollars		1,000 dollars		1,000 dollars
Barley	1,000 bushels ...	79,768	157,052	67,896	96,710	57,138	77,976
Corn	1,000 bushels ...	56,868	156,478	59,188	114,611	290,323	563,745
Cotton	1,000 bales			202	54,814	25	6,558
Seed cotton	1,000 pounds					1,051	562
Dry beans	1,000 cwt						
Flaxseed	1,000 bushels						
Honey	1,000 pounds	37,129	23,513	66,789	40,510	46,594	29,141
Naval stores: Rosin	1,000 pounds						
Oats	1,000 bushels	2,901	2,868	4,139	3,791	1,419	1,282
Peanuts	1,000 tons	176,080	21,206	8,619	758	19,343	2,700
Rice	1,000 cwt	5,980	52,777	28,179	202,790	21,474	151,429
Rye	1,000 bushels	2,835	6,000	3,249	4,928	4,472	6,407
Sorghum grain	1,000 bushels	59,315	154,520	43,809	82,323	77,596	146,003
Soybeans	1,000 bushels	1,057	5,369	314	1,453	4,384	20,808
Storage facility and equipment		84	558,827	111	506,824	12	236,007
Tobacco	1,000 pounds	76,077	189,143	4,912	13,959	12,651	25,346
Wheat	1,000 bushels ...	567,682	1,907,458	274,603	640,427	259,604	582,180

Commodity	Unit	1988		1989		1990	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		1,000 dollars		1,000 dollars
Barley	1,000 bushels ...	13,848	19,222	12,962	16,088	23,649	26,349
Corn	1,000 bushels ...	18,757	35,688	11,335	20,889	6,945	11,895
Cotton	1,000 bales	372	94,829	25	6,026	72	17,757
Seed cotton	1,000 pounds					0	0
Dry beans	1,000 cwt					0	0
Flaxseed	1,000 bushels					0	0
Honey	1,000 pounds	94,516	55,860	65,043	36,491	96,325	51,080
Naval stores: Rosin	1,000 pounds					0	0
Oats	1,000 bushels	625	560	1,109	903	966	720
Peanuts	1,000 tons	24,511	4,092	117,921	20,815	114,495	17,229
Rice	1,000 cwt	21,422	143,726	10,539	70,823	23,235	152,331
Rye	1,000 bushels	230	326	488	652	156	191
Sorghum grain	1,000 bushels ...	5,144	9,203	1,822	2,969	988	1,522
Soybeans	1,000 bushels ...	1,300	6,108	292	1,299	171	709
Storage facility and equipment		76	525,360	147	826,960		
Tobacco	1,000 pounds	8,761	18,885	18	3,907	0	43,539
Wheat	1,000 bushels ...	86,780	190,661	69,722	142,902	219,784	416,132

¹ Includes loans made directly by Commodity Credit Corporation. ² Loans through Sept. 30, 1985.

Agricultural Stabilization and Conservation Service.

Table 607.—Commodity Credit Corporation: Loan transactions for fiscal year 1990, by commodities ¹

Commodity	Unit	Loans outstanding Oct. 1, 1989 ²	New loans made	Repayments	Collateral acquired in settlement	Loans written off ³	Loans outstanding Sept. 30, 1990	
							Value ²	Quantity collateral remaining pledged
Basic commodities:		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 units
Corn.....	Bushel.....	1,920,978	1,480,127	1,748,250	612,397	9,235	1,031,223	431,069
Cotton.....	Bale.....	594,335	792,325	1,328,543	16,448	7	41,662	172
Seed cotton.....	Pound.....	0	3,659	3,659	(*)	(*)	0	0
Peanuts.....	Ton.....	13,222	63,021	59,474	166	2,682	13,921	104,540
Rice.....	Cwt.....	77,744	886,552	870,599	2,165	255	91,297	13,947
Tobacco.....	Pound.....	1,236,078	101,914	405,965	0	8,456	923,571	377,482
Wheat.....	Bushel.....	864,655	504,259	376,406	193,935	2,449	796,124	323,566
Total.....		4,707,012	3,831,857	4,792,896	825,111	23,064	2,897,798	1,205,776
Designated nonbasic commodities:								
Barley.....	Bushel.....	40,471	40,034	40,946	10,762	402	28,395	24,838
Sorghum.....	do.....	77,795	31,133	48,674	27,208	620	32,426	14,195
Honey.....	Pound.....	34,223	106,679	102,622	7,251	249	30,780	57,728
Oats.....	Bushel.....	1,169	1,299	1,360	101	19	988	1,269
Rye.....	do.....	644	289	739	5	(*)	209	169
Sugar, beet.....	Pound.....	15,601	613,863	600,885	0	(*)	28,579	148,801
Sugar, cane.....	do.....	1	253,875	253,679	0	0	197	1,075
Total.....		169,924	1,047,172	1,048,905	45,327	1,290	121,574	248,075
Other nonbasic commodities:								
Soybeans.....	Bushel.....	31,215	937,053	923,211	262	913	43,882	9,799
Total.....		31,215	937,053	923,211	262	913	43,882	9,799
Other loans:								
Storage facility and equipment.....		13,479	827	2,879	0	3,629	7,798	N/A
Total.....								
Grand total.....		4,921,630	5,816,909	6,767,891	870,700	28,896	3,071,052	15,081,650

¹ Loans made directly by Commodity Credit Corporation. ² Book value of outstanding loans; includes face amounts and any charges paid. ³ Includes transfers to accounts receivable.

Agricultural Stabilization and Conservation Service. * Less than \$500,000.

Table 608.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1990

Program and commodity	Quantity						Value				
	Unit	Inventory Oct. 1, 1989	Pur- chases	Collateral acquired from loans	Sales ¹	Inventory Sept. 30, 1990	Inventory Oct. 1, 1989	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1990
Feed grains:		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Barley	Bushel	38,254	5,368	5,535	36,072	13,128	80,743	10,528	10,917	63,348	26,378
Corn	do	491,901	85,487	264,063	537,650	241,735	1,253,444	208,228	643,655	1,224,702	625,441
Corn products	Pound		231,806		157,256			22,470		14,164	
Grain sorghum	Bushel	358,964	5,706	11,572	166,068	169,176	936,346	12,387	28,249	373,062	447,202
Sorghum grits	Pound		19,673		19,660			1,976		2,016	
Oats	Bushel	1,271	33	117	823	572	2,015	38	123	980	864
Oats, rolled	Pound										
Rye	Bushel	6,023	30	13	5,005	1,052	13,131	42	29	8,486	2,292
Total feed grains		896,413	348,103	281,300	922,534	425,663	2,285,679	255,669	682,972	1,686,758	1,102,178
Wheat	Bushel	180,270	32,969	55,383	130,653	130,195	697,447	116,595	190,171	496,420	505,054
Wheat flour	Pound		466,198		219,655			57,041		25,136	
Wheat products, other	do		459,982		440,671			51,139		47,950	
Rice, milled	Cwt		3,872		3,562			54,789		52,203	
Rice, rough	Cwt	3,969	9,202	396	13,457	55	27,608	60,744	2,219	57,372	317
Rice, brown	Cwt		286					55			
Cotton, extra long staple	Bale			(A)					82	44	
Upland Cotton	do	124	53	67	217	27	33,733	14,887	17,797	53,393	7,193
Dairy products:											
Butter	Pound	421,629	351,967		156,187	402,821	587,705	382,747		122,332	507,656
Cheese	do	48,858	1			2,740	65,567	4		18	3,329
Milk, dried	do	32,046	14,873		114	12,009	28,036	14,852		4	10,716
Milkfat, anhydrous	do										
Total dairy products		502,533	366,841		156,301	417,570	681,308	397,602	0	122,354	521,701

See footnotes at end of table.

COMMODITY CREDIT CORPORATION

Table 608.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1990—Continued

Program and commodity	Quantity						Value				
	Unit	Inventory Oct. 1, 1989	Pur- chases	Collateral acquired from loans	Sales ¹	Inventory Sept. 30, 1990	Inventory Oct. 1, 1989	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1990
		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oils and oilseeds:											
Peanuts, farmers' stock.....	Pound.....			620	620				167	108	
Peanut products.....	..do.....		4,112					3,593			
Peanut butter.....	..do.....		12,467		12,467			9,946			
Peanut oil, crude.....	..do.....										
Peanut oil, refined.....	..do.....										
Soya flour.....	..do.....										
Soybeans.....	Bushel.....	627	(389)	589	455	45	3,139	(1,557)	2,905	4,999	228
Totals oils and oilseeds.....		627	16,190	1,209	13,542	45	3,139	11,981	3,072	5,107	228
Blended foods.....	Pound.....		421,592		421,626			56,152		57,276	
Grains and seeds:											
Feed for Government facilities.....	Cwt.....		11					123		124	
Foundation seeds.....	Pound.....										
Total grains and seeds.....							0	123	0		
Peas, dry whole.....	Pound.....		153,774		153,784			27,003		27,540	
Honey.....	..do.....	56,870	(8)	13,911	1,048	18,751	40,986	(^s)	8,146	361	12,402
Denatured alcohol.....	Gallon.....										
Sugar, cane and beet.....	Pound.....			(A)					(A)		
Vegetable oil products.....	..do.....		313,854		262,421			104,154		87,727	
Other (B).....		1,534	13,735		224		1,412	17,291		7,972	
Total inventory operations.....		1,642,340	2,606,634	352,266	2,739,695	992,306	3,790,332	1,225,251	904,460	2,722,800	2,149,073

¹ Sales do not reflect commodity donations, transfers to other government agencies and inventory adjustments. () Negative.

Agricultural Stabilization and Conservation Service.

(A) Amount less than 500.

(B) Includes meat and beans, dry edible.

Table 609.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1990 ¹

(In Thousands)

Commodity	Export		Domestic					Total export and domestic
	Public law 480 Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations ¹	Inventory adjustments and other recoveries (domestic)	Total domestic	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Feed grains:								
Barley.....			74,949		604	(10)	75,543	75,543
Corn.....	24,665	24,665	1,340,661		4,458	427	1,345,546	1,370,211
Corn products.....	13,885	13,885			8,584	z	8,584	22,469
Grain sorghum.....	3,183	3,183	436,790		101	(3)	436,888	440,071
Sorghum grits.....	1,976	1,976						1,976
Oats.....			1,283		13	3	1,299	1,299
Oats, rolled.....								
Wheat.....	124,600	124,600	332,208	7,794	358	499	340,859	465,459
Wheat flour.....	24,641	24,641			32,400	z	32,400	57,041
Wheat products, other.....	47,005	47,005			4,129	5	4,134	51,139
Rice, milled.....	51,175	51,175			1,984	2	1,986	53,161
Rice, rough.....			89,854			226	90,080	90,080
Rice, brown and textured soy blend.....					55		55	55
Cotton, extra long staple and upland.....			59,306				59,306	59,306
Rye.....			10,882				10,882	10,882
Dairy products:								
Butter oil.....					784	216	1,000	1,000
Butter.....			6,800		202,014	3,807	212,621	212,621
Cheese.....			z		63,029	(31)	62,998	62,998
Milkfat, anhydrous.....								
Milk, dried.....			101		32,447	9	32,557	32,557

See footnotes at end of table.

Table 609.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1990 ¹—Continued

(In thousands)

Commodity	Export		Domestic					Total export and domestic
	Public law 480 Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations ¹	Inventory adjustments and other recoveries (domestic)	Total domestic	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Oils and oilseeds:								
Peanut products.....					3,593		3,593	3,593
Peanut butter.....					9,946		9,946	9,946
Peanuts, farmer's stock.....			167				167	167
Soya flour.....								
Soybeans.....			2,335		1,344	263	3,942	3,942
Blended foods.....	56,148	56,148				4	4	56,152
Grains and seeds:								
Feed for Government facilities.....				123			123	123
Foundation seeds.....								
Peas, dry whole.....	26,998	26,998				5	5	27,003
Dry edible beans.....	7,815	7,815						7,815
Honey.....			875		44,652	35	45,562	45,562
Sugar, cane and beet.....								
Vegetable oil products.....	86,010	86,010			18,142	2	18,144	104,154
Meat.....					1,303	23	1,326	1,326
Total ²	468,101	468,101	2,356,211	7,917	429,939	5,482	2,799,549	267,650

¹ Includes donations under Sections 202, 407, 416, Section 210, P.L. 85-540 and miscellaneous donations under various other authorizations.

² Totals may not add due to rounding.

() Negative. z=Less than five hundred.

Agricultural Stabilization and Conservation Service.

Table 610.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1976-90 ¹ (Loans quantity)

Year ²	Barley	Corn	Cotton ³	Dry beans	Flaxseed	Sorghum grain	Oats
	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1976	12	206	2,186			16	4
1977	65	765	2,576			157	60
1978	94	1,038	919			149	68
1979	73	801	710			83	46
1980	35	966	851			24	9
1981	53	1,234	1,485			181	7
1982	101	2,400	5,561			402	9
1983	124	1,450	3,134			254	8
1984	144	1,056	1			221	6
1985	236	2,811	5			392	7
1986	275	4,905	5			421	12
1987	245	4,436	2			338	7
1988	78	982	6			111	2
1989	21	1,110	4			38	1
1990	23	1,071	11			27	1

Year ²	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding ⁵
	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>Million dollars</i>
1976	841	10.5	.1	13	585	223	1,786
1977	302	15.0	.6	68	665	740	5,414
1978	243	19.1	2.5	44	644	588	5,655
1979	608	20.2	2.1	73	686	373	4,955
1980	294	20.5	.4	72	678	366	4,783
1981	530	16.3	.3	161	596	650	7,307
1982	249	53.7	1.2	358	809	1,121	17,917
1983	228	45.0	4.6	81	1,028	1,107	12,801
1984	217	45.0	10.0	178	1,243	911	11,021
1985	946	51.2	5.0	439	1,411	1,387	20,619
1986	122	78.3	5.4	358	986	1,151	21,642
1987	448	34.4	6.7	251	782	890	17,260
1988	538	88.1	(*)	84	615	462	10,977
1989	27,777	72.5	(*)	155	44,366	240	6,869
1990	43,057	76.5	(*)	167	297	312	5,810

¹ Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds. ² Not necessarily from the crop of the year shown; may include quantities under resale from crop of previous years. ³ Includes extra-long staple. ⁴ Less than 500,000 units. ⁵ Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service.

Table 611.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1976-90

Date	Inventory after reval- uation	Loans held CCC	Total loans outstand- ing	Total invest- ment
	Million dollars	Million dollars	Million dollars	Million dollars
1976:				
March	555.8	762.2	762.2	1,318.0
June	658.6	480.5	480.5	1,339.1
September	607.2	707.7	707.7	1,314.9
December	634.3	1,786.5	1,786.5	2,420.8
1977:				
March	682.9	1,990.5	1,990.5	2,673.4
June	824.9	2,142.7	2,142.7	2,967.6
September	984.9	3,009.0	3,009.0	3,993.9
December	1,104.4	5,414.0	5,414.0	6,518.4
1978:				
March	1,052.5	5,827.9	5,827.9	6,880.4
June	1,068.3	4,591.3	4,591.3	5,659.6
September	1,029.0	4,230.4	4,230.4	5,259.4
December	1,185.9	5,655.6	5,655.6	6,841.5
1979:				
March	1,186.2	6,245.4	6,245.4	7,431.6
June	1,192.4	5,328.4	5,328.4	6,520.8
September	1,162.2	3,885.8	3,885.8	5,048.0
December	1,236.8	4,954.6	4,954.6	6,191.5
1980:				
March	1,484.3	5,374.9	5,374.9	6,859.2
June	2,486.0	4,765.4	4,765.4	7,251.4
September	2,737.0	3,648.7	3,648.7	6,385.7
December	2,802.2	4,783.0	4,783.0	7,585.2
1981:				
March	3,066.9	5,629.3	5,629.3	8,696.2
June	3,587.9	3,858.5	3,858.5	7,446.4
September	3,726.8	3,789.7	3,789.7	7,516.5
December	3,778.7	7,807.4	7,807.4	11,586.1
1982:				
March	4,106.4	11,070.3	11,070.3	15,176.7
June	4,623.0	9,676.2	9,676.2	14,299.2
September	5,103.2	10,423.6	10,423.6	15,526.8
December	5,506.9	16,789.4	16,789.4	22,296.3
1983:				
March	5,901.5	19,389.1	19,389.1	25,290.6
June	7,165.2	17,222.9	17,222.9	24,388.1
September	10,227.4	14,075.8	14,075.8	24,303.2
December	10,596.6	12,801.1	12,801.1	23,397.7
1984:				
March	9,967.5	11,366.1	11,366.1	21,333.6
June	8,001.6	8,782.4	8,782.4	16,784.0
September	7,358.2	7,855.5	7,855.5	15,213.7
December	6,663.5	11,020.9	11,020.9	17,684.4
1985:				
March	6,399.4	12,665.7	12,665.7	19,065.1
June	6,517.6	11,152.1	11,152.1	17,669.7
September	6,920.9	12,233.2	12,233.2	19,154.1
December	8,308.6	20,619.5	20,619.5	28,928.1
1986:				
March	8,888.4	23,829.8	23,829.8	32,718.1
June	10,303.5	21,153.8	21,153.8	31,457.3
September	11,049.6	18,494.2	18,494.2	29,543.8
December	13,847.7	21,641.5	21,641.5	35,489.2
1987:				
March	14,674.2	21,513.3	21,513.3	36,187.5
June	(2)	(2)	(2)	(2)
September	11,734.9	15,108.4	15,108.4	26,843.3
December	12,331.5	17,269.6	17,269.6	29,601.1
1988:				
March	10,499.5	16,463.1	16,463.1	26,962.7
June	8,174.5	12,185.4	12,185.4	20,359.9
1989:				
March	4,531.5	10,708.9	10,708.9	15,240.4
June	4,349.8	8,287.5	8,287.5	12,637.3
1990:				
March	3,223.4	6,205.9	6,205.9	9,429.30
June	2,558.3	4,157.6	4,157.6	6,715.90

¹ Reflects total CCC loans and inventories. ² No data available.
Agricultural Stabilization and Conservation Service.

Table 612.—Agricultural Stabilization and Conservation programs: Payments received, by States, 1990

State	Payments	State	Payments	State	Payments
	1,000 dollars		1,000 dollars		1,000 dollars
AL.....	82,227	MD.....	17,387	RI.....	190
AK.....	1,117	MA.....	3,024	SC.....	62,638
AZ.....	43,350	MI.....	168,832	SD.....	331,528
AR.....	312,697	MN.....	511,761	TN.....	91,028
CA.....	252,331	MS.....	185,966	TX.....	971,543
CO.....	235,389	MO.....	299,068	UT.....	34,896
CT.....	2,124	MT.....	298,230	VT.....	5,793
DE.....	3,214	NE.....	623,501	VA.....	32,380
FL.....	37,156	NV.....	5,347	WA.....	205,426
GA.....	130,592	NH.....	1,855	WV.....	6,049
HI.....	518	NJ.....	15,746	WI.....	181,242
ID.....	133,429	NM.....	63,371	WY.....	30,664
IL.....	506,603	NY.....	59,304	PR.....	3,297
IN.....	244,172	NC.....	73,254	VI.....	142
IA.....	753,732	ND.....	544,633	GU.....	2
KS.....	833,697	OH.....	197,007	Undistributed.....	
KY.....	81,611	OK.....	318,008	Total ¹	9,289,235
LA.....	154,631	OR.....	89,136		
ME.....	6,982	PA.....	41,414		

¹ Total may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 613.—Agricultural Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1986-90

Program and commodity	1986	1987	1988	1989	1990
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Feed grain.....	5,158,038	8,489,993	7,219,460	3,140,796	2,701,173
Wheat.....	3,499,721	2,931,266	1,841,883	602,904	2,311,300
Rice.....	422,769	474,853	464,548	670,981	464,879
Cotton, upland and ELS.....	1,020,188	1,150,066	901,699	1,183,815	440,757
Wool and mohair.....	111,922	143,724	116,777	81,403	96,195
Loan deficiency.....	22,204	54,232	22,165	19,971	7,320
Dairy indemnity.....	3,209	1,927	73	291	55
Milk diversion.....	346	72	23	36	68
Dairy termination.....	620,839	505,758	217,671	182,149	178,076
86/88/89 Disaster.....		560,759	1,300,999	2,717,105	856,826
Emergency feed/livestock assistance.....	29,713	61,172	209,768	436,444	148,617
Producer storage.....	632,087	820,125	554,882	55,726	172,109
Conservation reserve.....	113,708	1,361,340	1,410,869	1,571,267	1,695,316
Agricultural conservation.....	123,624	155,813	178,609	181,146	176,777
Rural clean water program.....	17,989	3,296	1,645	1,244	788
Colorado river salinity.....		282	1,959	2,483	3,614
Forestry incentive.....	10,764	9,021	9,949	11,055	11,144
Emergency conservation.....	6,361	4,298	6,473	5,999	14,410
Waterbank.....	9,357	8,645	8,300	7,976	7,981
Other ¹	530	630	653	1,712	1,830
Grand Total.....	11,803,369	16,373,272	14,468,405	10,874,503	9,289,235

¹ Includes animal waste, naval stores, clean lakes, interest penalty, and pik storage.

Agricultural Stabilization and Conservation Service.

Table 614.—Commodity Credit Corporation: Loans made in fiscal year for 1990, by States and Territories ¹

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Other ²	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL		946	24,831	2	132		137	1,889	27,937
AK									0
AZ		884	64,829	11	113		3	1,856	67,969
AR		1,716	60,079	1,815			9,054	406,186	478,850
CA	134	177	198,127				1,104	288,788	488,320
CO	236	20,101		200			7,206	209,361	237,104
CT		54						3	57
DE		627						888	1,515
FL		450	358	5	637		51	195,633	197,134
GA		7,800	8,626	35	32,752		429	7,523	57,165
HI								626	626
ID	3,252	198					14,758	3,639	21,847
IL		193,475		490			1,972	147,551	343,488
IN		98,053					284	61,934	160,271
IA		372,326		49			21	221,488	593,884
KS	5	14,569		7,219			9,032	14,085	44,910
KY	8	14,859		21		685	672	13,247	29,492
LA		93	70,247	1			115	143,154	213,610
ME								184	184
MD	28	3,384					3	3,228	6,643
MA		61						41	102
MI	22	36,869					703	77,725	115,319
MN	5,811	258,529		5			34,469	303,937	602,751
MS		592	211,261	12			199	80,569	292,633
MO	6	28,646	9,186	3,681			2,601	68,280	112,400
MT	6,137	28		7			37,964	4,111	48,247
NE	13	211,256		10,650			4,241	40,990	267,150
NV	16						3	76	95
NH								14	14
NJ		816					6	721	1,543
NM		1,109	6,539	828	578		191	491	9,736
NY	11	8,480					1,560	2,938	12,989
NC	25	9,273	10,577	38	153	54,986	372	10,679	86,103
ND	9,718	9,522					53,973	39,593	112,806
OH		39,264					673	45,516	85,458
OK		297	8,200	471			5,913	1,971	16,852
OR	301	81					4,277	992	5,651
PA	11	4,309		57			102	2,166	6,645
PR									0
SC	29	2,656	4,119				369	4,341	11,514
SD	1,894	43,976		744			17,394	37,731	101,739
TN	30	6,790	30,195	2			457	5,314	42,788
TX		37,911	174,659	5,672	24,681		1,936	94,552	339,411
UT	273	143					950	139,164	140,530
VT		41						203	244
VA	23	4,068	388	13	7,562		126	4,881	17,061
WA	1,629	996					17,691	2,160	22,476
WV		296						286	582
WI	32	50,382					234	14,644	65,292
WY	10	441					470	1,068	1,989
Other								5	5
Total	29,653	1,486,567	882,220	32,031	66,607	55,671	231,715	2,706,412	5,490,876

¹ Loans made directly by Commodity Credit Corporation. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association. ² Includes storage facility loans and distress loans.

Agricultural Stabilization and Conservation Service.

Table 615.—Fruit, vegetable, and tree nut marketing agreement and order programs, 1990-91

Program	Estimated number of commercial producers	Farm value
	Number	1,000 dollars
Citrus fruits (1990-91 season):		
California and Arizona Navel and miscellaneous oranges	3,750	166,710
California and Arizona Valencia oranges	3,550	226,317
California and Arizona lemons	2,500	276,147
Florida oranges, grapefruit, tangerines, and tangelos	12,000	431,209
Florida limes	79	26,226
Texas oranges and grapefruit	2,000	0
Deciduous fruits (1991 season):		
California Bartlett pears and freestone peaches	1,600	80,893
California nectarines	1,000	86,457
California olives	1,200	36,155
California desert grapes	60	140,093
California Tokay grapes	35	612
California kiwifruit (implemented 10-2-84)	650	23,649
Colorado peaches	295	1,632
Florida avocados	260	13,471
Georgia peaches	150	33,712
Washington apricots	400	5,099
Washington sweet cherries	1,600	42,560
Washington peaches	700	6,351
Washington, Oregon, and California winter pears	1,850	122,134
Washington and Oregon Bartlett pears	1,800	26,541
Washington and Oregon prunes	350	2,439
Cranberries	900	156,365
Hawaiian papayas	400	16,034
Dried fruits (1991 season):		
California dates	135	21,340
California dried prunes	1,300	178,398
California raisins	4,800	328,989
Vegetables (1990-91 season):		
Florida celery	7	40,935
Florida tomatoes	250	62,430
Idaho and eastern Oregon onions	550	113,008
South Texas lettuce	20	1,680
South Texas melons	36	69,769
South Texas onions	80	54,041
Georgia onions (Vidalia)	240	20,790
Texas tomatoes	25	2,075
Potatoes (1990-91 season):		
Colorado	400	140,960
Idaho and eastern Oregon	2,200	235,398
Maine	645	60,307
Oregon and Northern California	550	56,182
Southeastern States (Virginia-North Carolina)	150	15,980
Washington	565	49,109
Nuts (1991 season):		
California almonds	7,000	540,474
California walnuts	5,000	279,720
Oregon and Washington filberts	950	18,519
Peanuts ¹	45,000	1,096,000
Spearmint oil (1991 season) ²	280	30,086
Total (45 programs) ³		5,336,996

¹ Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.

² Marketing order regulating the handling of spearmint oil produced in the states of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. Farm value represents a two State value for Idaho and Washington.

³ Total not shown because of duplication by producers growing more than one commodity.

Agricultural Marketing Service.

CHAPTER XII

AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various natural resources, particularly soil, water, timber, wetlands, wildlife, and improvement of water quality. Forestry statistics include area of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands.

Conservation Reserve Program (CRP)—Status Through Eleventh Signup

Signup	Signup dates	Beginning program years
1.....	03/03/86-03/14/86.....	1986
2.....	05/05/86-05/16/86.....	1986 & 1987
3.....	08/04/86-08/15/86.....	1986 & 1987
4.....	02/09/87-02/27/87.....	1987 & 1988
5.....	07/20/87-07/31/87.....	1987 & 1988
6.....	02/01/88-02/19/88.....	1988 & 1989
7.....	07/18/88-08/31/88.....	1988 & 1989
8.....	02/06/89-02/24/89.....	1989 & 1990
9.....	07/17/89-08/04/89.....	1989 & 1990
10.....	03/04/91-03/15/91.....	1991
11.....	07/08/91-07/19/91.....	1992

Acres Contracted

Signup	Program year							Total
	1986	1987	1988	1989	1990	1991	1992	
1.....	753,668	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	753,668
2.....	1,199,348	1,572,312	n.a.	n.a.	n.a.	n.a.	n.a.	2,771,660
3.....	90,114	4,613,265	n.a.	n.a.	n.a.	n.a.	n.a.	4,703,379
4.....	n.a.	7,209,284	2,269,315	n.a.	n.a.	n.a.	n.a.	9,478,599
5.....	n.a.	274,687	4,168,032	n.a.	n.a.	n.a.	n.a.	4,442,719
6.....	n.a.	n.a.	2,099,095	1,276,269	n.a.	n.a.	n.a.	3,375,364
7.....	n.a.	n.a.	220,023	2,384,878	n.a.	n.a.	n.a.	2,604,901
8.....	n.a.	n.a.	n.a.	1,467,854	994,528	n.a.	n.a.	2,462,382
9.....	n.a.	n.a.	n.a.	225,648	3,104,245	n.a.	n.a.	3,329,893
10.....	n.a.	n.a.	n.a.	n.a.	n.a.	475,175	n.a.	475,175
11.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	998,211	998,211
Total.....	2,043,130	13,669,548	8,756,465	5,354,649	4,098,773	475,175	998,211	35,395,951

n.a. not applicable.

Agricultural Stabilization and Conservation Service.

Table 616.—Conservation Reserve Program (CRP), Enrollment Summary, March 1986–July 1991 ¹

State	Number of contracts	Acres enrolled		Rental rate (dollars per acre per year, weighted average)	Erosion reduction ² (tons per acre per year, weighted average)
		Total	Average per contract		
Alabama.....	9,662	550,617	57.0	42.41	18
Alaska.....	40	25,348	633.7	36.62	5
Arizona.....					
Arkansas.....	3,196	245,960	77.0	48.86	14
California.....	508	187,122	368.4	48.60	14
Colorado.....	6,150	1,968,755	320.1	41.08	25
Connecticut.....	1	10	10.0	50.00	12
Delaware.....	30	995	33.2	66.00	8
Florida.....	2,364	129,321	54.7	41.84	15
Georgia.....	14,307	689,028	48.2	43.02	13
Hawaii.....	1	85	85.0	80.00	4
Idaho.....	3,694	846,132	229.1	45.61	16
Illinois.....	17,502	734,488	42.0	75.98	20
Indiana.....	10,447	420,198	40.2	73.04	16
Iowa.....	33,490	2,107,871	62.9	81.44	18
Kansas.....	30,536	2,911,466	95.3	52.82	16
Kentucky.....	7,747	434,219	56.0	59.03	34
Louisiana.....	1,712	142,213	83.1	43.96	12
Maine.....	934	38,217	40.9	49.48	7
Maryland.....	664	19,442	29.3	72.61	9
Massachusetts.....	5	32	6.4	47.65	7
Michigan.....	6,175	255,919	41.4	58.78	11
Minnesota.....	26,555	1,899,389	71.5	55.37	17
Mississippi.....	12,920	800,071	61.9	42.65	20
Missouri.....	21,280	1,625,272	76.4	62.92	19
Montana.....	7,744	2,815,032	363.5	37.38	13
Nebraska.....	13,993	1,395,751	99.7	55.51	22
Nevada.....	10	3,123	312.3	40.00	16
New Hampshire.....					
New Jersey.....	23	661	23.6	53.51	16
New Mexico.....	1,515	482,676	318.6	37.84	42
New York.....	1,630	60,858	37.3	55.32	12
North Carolina.....	6,241	145,765	23.4	45.74	16
North Dakota.....	18,401	3,169,988	172.3	38.38	14
Ohio.....	7,392	324,499	43.9	69.35	11
Oklahoma.....	8,575	1,183,199	138.0	42.48	23
Oregon.....	1,981	528,012	266.5	49.06	11
Pennsylvania.....	2,570	98,139	38.2	63.28	16
Puerto Rico.....	8	455	56.9	60.36	35
Rhode Island.....					
South Carolina.....	6,544	272,119	41.6	42.47	13
South Dakota.....	12,329	2,099,595	170.3	41.63	10
Tennessee.....	10,416	458,236	44.0	51.70	23
Texas.....	19,033	4,046,981	212.6	39.51	35
Utah.....	990	233,571	235.9	40.03	16
Vermont.....	10	193	19.3	50.00	13
Virginia.....	3,078	77,223	25.1	52.39	17
Washington.....	4,227	1,017,120	240.6	50.08	14
West Virginia.....	34	610	17.9	48.78	10
Wisconsin.....	19,261	692,289	35.9	66.84	13
Wyoming.....	793	257,022	324.1	38.43	13
United States, total.....	356,723	35,395,289	99.2	49.29	19

¹ CRP is a voluntary long-term cropland retirement program established in Title XII of the Food Security Act of 1985 (P.L. 99-198). USDA pays CRP participants an annual per-acre rent and half the cost of establishing a permanent land cover in exchange for retiring highly erodible cropland for 10 years. ² Erosion reduction equals erosion rate before implementation of conservation practice minus erosion rate after implementation.

Note: Total acres enrolled may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 617.—Conservation Reserve Program (CRP), Enrollment by Practice, March 1986-July 1991

(CP 1 and CP 2)

State	CP 1 Establishment of permanent introduced grasses and legumes				CP 2 Establishment of permanent native grasses			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
Alabama	3,598	196,994	9,733,693	49	2	11	699	65
Alaska	39	24,588	2,463,540	100				
Arizona								
Arkansas	1,384	82,050	3,232,522	39	2	100	1,706	17
California	323	118,171	2,438,324	21	4	137	6,389	46
Colorado	2,243	552,924	27,134,124	49	3,916	1,336,781	64,927,203	49
Connecticut								
Delaware	5	157	5,624	36				
Florida	193	6,046	278,605	46	2	408	11,826	29
Georgia	1,402	45,570	2,499,033	55	8	703	22,994	33
Hawaii								
Idaho	3,247	705,234	28,059,451	40	5	1,701	46,961	28
Illinois	15,070	637,805	27,673,792	43	445	9,112	536,538	59
Indiana	8,646	359,351	21,923,862	61	46	1,120	59,640	53
Iowa	28,293	1,720,761	70,862,689	41	2,763	98,281	5,538,965	56
Kansas	4,454	243,282	9,915,838	41	25,697	2,628,046	110,925,387	42
Kentucky	6,292	331,809	14,816,668	45	17	504	25,084	50
Louisiana	477	27,829	757,546	27	9	500	6,021	12
Maine	537	22,114	2,674,201	121				
Maryland	348	10,616	1,036,349	98				
Massachusetts	1	16	1,870	117				
Michigan	4,335	172,945	5,616,554	32	154	3,678	99,498	27
Minnesota	21,550	1,560,007	54,524,317	35	2,426	103,248	4,232,675	41
Mississippi	3,947	213,158	7,403,210	35	6	634	13,898	22
Missouri	17,368	1,310,656	54,040,153	41	1,136	53,426	2,802,123	52
Montana	6,922	2,466,906	52,882,336	21	806	286,822	7,037,398	25
Nebraska	5,599	594,852	18,517,537	31	5,674	504,898	17,427,829	35
Nevada	9	3,070	73,214	24				
New Hampshire								
New Jersey	24	525	49,230	94	1	3	100	33
New Mexico	104	30,715	2,357,082	77	1,390	445,368	22,388,656	50
New York	1,024	37,771	2,693,289	71	28	524	36,300	69
North Carolina	2,199	54,369	3,599,517	66	11	248	17,254	70
North Dakota	15,603	2,647,347	86,255,596	33	163	13,280	498,175	38
Ohio	6,038	276,435	12,790,378	46	106	1,790	102,627	57
Oklahoma	5,628	696,358	23,004,979	33	3,020	462,128	12,641,360	27
Oregon	1,811	504,661	19,022,072	38	2	49	1,334	28
Pennsylvania	1,617	47,540	3,650,316	77	12	176	14,567	83
Puerto Rico	1	10	1,900	190	3	77	6,360	83
Rhode Island								
South Carolina	1,262	39,516	2,322,891	59	1	12	266	22
South Dakota	8,000	1,304,557	36,756,654	28	929	132,813	4,905,353	37
Tennessee	8,318	352,356	18,504,098	53	7	110	3,859	35
Texas	8,505	1,637,659	86,395,786	53	9,523	2,201,900	118,072,368	54
Utah	876	213,379	5,045,128	24				
Vermont	9	115	13,539	118				
Virginia	1,549	35,822	1,838,984	51	10	212	10,229	48
Washington	3,999	977,883	39,430,083	40	13	4,852	217,177	45
West Virginia	19	255	11,881	47	1	7	200	31
Wisconsin	10,405	272,880	11,202,603	41	881	19,216	897,440	47
Wyoming	642	210,646	5,630,547	27	3	404	15,725	39
United States, total	213,915	20,747,714	779,141,605	38	59,222	8,313,279	373,552,184	45

Note: Total acres treated may not add due to rounding.

Agricultural Stabilization and Conservation Service.

**Table 618.—Conservation Reserve Program (CRP), Enrollment by Practice,
March 1986-July 1991**

(CP 3 and CP 4)

State	CP 3 Tree planting				CP 4 Permanent wildlife habitat			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
Alabama	5,958	279,181	12,491,010	45	233	4,610	264,707	57
Alaska					1	710	142,000	200
Arizona								
Arkansas	1,617	130,716	6,086,113	47	145	11,061	534,346	48
California	10	573	78,700	137	48	3,213	211,860	66
Colorado	30	637	419,450	658	311	70,544	4,699,538	67
Connecticut	1	10	3,500	350				
Delaware	6	153	6,034	40	10	402	38,836	97
Florida	2,056	111,273	3,047,807	27	42	3,928	223,514	57
Georgia	12,772	609,592	22,196,407	36	169	7,971	442,383	55
Hawaii								
Idaho	35	1,142	96,404	84	269	113,727	4,351,324	38
Illinois	1,346	23,272	1,811,498	78	534	14,865	988,371	66
Indiana	803	14,108	1,875,092	133	387	11,590	878,928	76
Iowa	1,093	13,128	1,942,391	148	439	8,311	1,004,873	121
Kansas	128	2,456	155,153	63	357	18,386	878,277	48
Kentucky	139	3,051	241,326	79	222	13,252	637,373	48
Louisiana	667	48,271	2,205,674	46	77	3,469	201,361	58
Maine	141	2,326	253,048	109	12	575	85,114	148
Maryland	108	1,449	126,061	87	115	3,495	244,440	70
Massachusetts	1	10	3,000	300				
Michigan	853	13,748	921,686	67	247	5,818	232,721	40
Minnesota	2,151	47,348	3,643,343	77	1,156	12,692	993,719	78
Mississippi	8,029	444,393	15,600,034	35	676	24,535	888,053	36
Missouri	456	15,857	1,800,443	114	1,409	73,199	2,991,153	41
Montana	13	175	7,990	46	100	23,462	498,452	21
Nebraska	341	3,296	283,290	86	3,271	270,575	10,644,998	39
Nevada								
New Hampshire								
New Jersey								
New Mexico					2	1,400	74,570	53
New York	198	3,164	320,511	101	26	636	44,964	71
North Carolina	3,944	81,443	2,518,777	31	73	713	49,788	70
North Dakota	112	1,041	116,693	112	2,549	412,180	13,457,477	33
Ohio	745	10,291	713,931	69	333	10,323	458,777	44
Oklahoma	40	1,347	79,575	59	52	1,721	48,485	28
Oregon	30	603	59,378	98	24	2,045	90,716	44
Pennsylvania	88	1,254	102,122	81	78	3,013	304,555	101
Puerto Rico	2	30	5,285	176				
Rhode Island								
South Carolina	4,997	203,228	5,141,216	25	348	7,932	370,954	47
South Dakota	62	575	55,967	97	3,377	561,004	16,249,383	29
Tennessee	786	23,900	902,011	38	663	16,091	622,791	39
Texas	158	18,607	831,118	45	1,289	153,403	7,554,992	49
Utah					129	18,936	486,704	26
Vermont								
Virginia	1,354	27,663	920,974	33	229	3,610	184,432	51
Washington	29	1,222	159,633	131	180	16,182	1,486,199	92
West Virginia	3	21	1,108	53	3	39	2,080	53
Wisconsin	3,555	57,124	4,822,183	84	822	12,994	585,678	45
Wyoming	1	8	400	50	137	42,370	1,113,291	26
United States, total	54,858	2,197,688	92,046,336	42	20,544	1,964,982	75,262,177	38

Note: Total acres treated may not add due to rounding.
Agricultural Stabilization and Conservation Service.

Table 619.—Conservation Reserve Program (CRP), Enrollment by Practice, March 1986–July 1991

(CP 5, CP 6 and CP 7)

State	CP 5 Establishment of field windbreaks				CP 6 Diversions I				CP 7 Erosion control structures			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL.....	1	5	214	42	5	4	1,449	329	10	20	27,522	1,376
AK.....												
AZ.....												
AR.....					6	226	5,849	26	10	402	14,812	37
CA.....	2	16	12,800	805	1	4	29,120	7,280	8	16	55,225	3,452
CO.....	26	427	211,550	495	22	1,376	25,733	19	20	12,972	46,604	4
CT.....												
DE.....												
FL.....												
GA.....	1	5	132	26					1	3	3,025	1,008
HI.....												
ID.....	6	22	10,984	493	4	37	2,971	79	3	991	10,500	11
IL.....	8	13	1,958	145	79	6,912	105,861	15	171	680	377,801	555
IN.....	19	621	17,190	28	2	62	1,483	24	15	95	22,583	237
IA.....	24	80	20,890	262	7	127	9,258	73	7	5	17,395	3,345
KS.....	42	169	21,728	129	107	22,669	103,484	5	20	6,355	60,453	10
KY.....					19	20	21,705	1,102	132	744	284,282	382
LA.....					3	145	3,984	27	11	308	8,377	27
ME.....									1	55	700	13
MD.....					4	37	3,306	89	5	116	24,263	209
MA.....												
MI.....	38	67	5,117	77	4	26	1,122	44	22	221	13,249	60
MN.....	783	1,467	264,811	181	13	36	22,501	629	68	149	304,967	2,050
MS.....					5	7	3,665	524	17	64	46,033	724
MO.....	5	7	397	53	16	67	17,761	264	8	30	7,648	252
MT.....	63	1,031	95,275	92	1	1	187	187	1	13	2,795	210
NE.....	402	1,229	177,363	144	19	232	13,379	58	8	176	9,625	55
NV.....												
NH.....												
NJ.....												
NM.....	3	18	11,981	666								
NY.....					3	14	975	72	1	1	1,393	1,393
NC.....												
ND.....	346	1,244	160,053	129	4	46	3,892	85	1	3	1,416	472
OH.....	9	29	3,459	121	1	1	1,000	1,000	19	157	28,725	183
OK.....	12	116	3,005	26	118	29,647	104,366	4	37	3,081	69,032	22
OR.....					2	13	4,875	375	5	865	16,850	19
PA.....	2	1	670	515	10	39	8,347	211	6	5	2,450	480
PR.....												
RI.....												
SC.....	9	10	602	63	2	4	1,066	273				
SD.....	130	716	76,872	107					2	77	3,042	39
TN.....					66	4,791	50,485	11	62	342	85,288	249
TX.....	6	16	17,674	1,091	51	10,417	97,976	9	23	4,704	135,317	29
UT.....	1	10	100	10	39	5,655	159,189	28	41	5,072	126,600	25
VT.....												
VA.....					1	(1)	83	830	1	1	641	641
WA.....					8	819	9,972	12	3	9	11,723	1,303
WV.....												
WI.....	22	86	3,689	43	16	28	4,975	175	54	321	111,500	347
WY.....	4	22	4,973	230	1	41	680	16				
US.....	1,964	7,428	1,123,487	151	639	83,505	820,699	10	793	38,054	1,931,836	51

¹ Value less than 0.5.

Note: Total acres treated may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 620.—Conservation Reserve Program (CRP), Enrollment by Practice,
March 1986-July 1991

(CP 8, CP 9 and CP 10)

State	CP 8 Grass waterways				CP 9 Shallow water areas for wildlife				CP 10 Vegetative-cover-grass-already established			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL.....	113	389	100,365	258	5	18	9,585	530	674	50,056	8,378	(¹)
AK.....									1	50		
AZ.....												
AR.....	1	46	1,396	30	28	684	19,761	29	230	10,446		
CA.....	13	132	14,930	113	17	1,567	186,288	119	212	62,096		
CO.....	4	53	5,560	106	6	24	135,855	5,781	91	7,422		
CT.....												
DE.....	1	(¹)	959	2,398					33			
FL.....	1	3	1,732	541					289	957		
GA.....	1	2	1,100	500	1	10	2,000	200	1	2,541		
HI.....												
ID.....	5	21	21,801	1,014	8	7	16,420	2,346	383	85		
IL.....	248	434	279,137	643	69	418	105,554	253	1,574	22,348	290	(¹)
IN.....	42	294	49,373	170	24	225	15,944	71	1,233	37,836		
IA.....	110	370	213,968	578	27	123	21,238	172	8,482	28,717		
KS.....	76	266	59,925	225	13	432	9,977	23	612	260,905	4,053	(¹)
KY.....	278	1,595	332,693	209	11	44	127,350	2,868	2,392	16,630	1,287	(¹)
LA.....	13	621	8,890	14	46	4,920	71,923	15	494	83,826	10,186	(¹)
ME.....	2	88	3,430	39					468	29,143		
MD.....	19	245	54,957	224	5	7	17,213	2,459	59	12,939		
MA.....									2	6		
MI.....	71	320	25,265	79	37	44	60,061	1,371	2,052	1,126		
MN.....	371	654	359,835	550	139	1,180	128,257	109	6,054	57,455		
MS.....					32	821	22,200	27	1,387	168,479	1,000	(¹)
MO.....	24	74	17,619	238	12	374	16,017	43	4,850	76,182		
MT.....	67	318	34,739	109	4	15	11,331	755	285	166,601		
NE.....	135	397	69,852	176	16	264	11,226	43	545	33,034		
NV.....									1	19,015	712	(¹)
NH.....										54		
NJ.....	1	1	50	45					5	127		
NM.....									58	5,184	1,156	(¹)
NY.....	4	33	1,880	58	1	34	1,685	50	707	18,546		
NC.....	7	5	4,186	790					341	4,814		
ND.....	86	479	111,237	232	36	1,234	44,807	36	1,663	91,789		
OH.....	93	5,236	121,534	23	52	181	120,032	662	959	22,807		
OK.....	62	1,222	33,551	27					342	20,081		
OR.....	15	128	21,710	170	3	307	8,267	27	175	14,313	6,224	(¹)
PA.....	19	23	18,347	808	6	12	21,400	1,845	1,461	44,926		
PR.....									6	334		
RI.....												
SC.....	4	8	6,511	775					204	4,596		
SD.....	12	24	10,253	427	15	32	11,812	366	1,678	95,203		
TN.....	61	161	20,674	128	8	319	35,180	110	1,885	46,961	8,666	(¹)
TX.....	103	1,255	92,074	73	12	33	17,663	540	360	31,744	278	(¹)
UT.....	1	310	1,875	6					5	1,260		
VT.....									3	65		
VA.....	10	8	3,932	517	2	3	3,200	1,103	387	7,715		
WA.....	13	123	66,528	539	4	35	19,999	568	318	16,822		
WV.....									17	277		
WI.....	71	190	51,991	273	109	388	53,912	139	12,647	325,246		
WY.....	2	10	1,191	119	2	13	2,654	204	26	3,574		
US.....	2,159	15,543	2,225,650	143	750	13,767	1,328,811	97	55,631	1,903,835	42,230	(¹)

¹ Value less than 0.5.

Note: Total acres treated may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 621.—Conservation Reserve Program (CRP), Enrollment by Practice, March 1986-July 1991

(CP 11, CP 12 and CP 13)

State	CP 11 Vegetative-cover-trees-already established				CP 12 Wildlife food plots				CP 13 Filter strips			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	381	11,952			108	507			58	571	27,183	48
AK												
AZ												
AR	24	490			4	57			38	676	32,723	48
CA	2	836			4	315						
CO	1	5							2	20	1,010	50
CT												
DE	1	20							13	263	18,251	69
FL	231	6,516			16	185			1	1	26	29
GA	697	18,652			37	443			59	1,479	66,515	45
HI												
ID	2	309			5	314			3	13	614	48
IL	25	241			105	476			598	3,935	178,845	45
IN	26	298			13	99			373	3,089	180,240	58
IA	24	762			212	772			429	3,107	148,072	48
KS	6	106			40	227			153	968	53,438	55
KY	34	384	2,844	7	13	59			120	1,271	52,112	41
LA	53	1,817			25	132			9	87	5,020	58
ME	23	242							3	20	2,020	103
MD	5	196			24	144			190	2,324	237,978	102
MA									1	1	265	265
MI	17	159			140	824			130	1,069	32,192	30
MN	94	614			222	715			290	2,324	91,442	39
MS	750	20,541			141	1,721			210	3,019	110,221	37
MO	33	895	2,885	3	160	434			305	2,444	95,138	39
MT	10	1,048			2	5			1	13	322	26
NE	24	535			30	302			62	352	10,264	29
NV												
NH												
NJ												
NM												
NY	5	23			3	29			9	64	4,949	77
NC	197	2,363			6	43			17	104	4,356	42
ND	38	199			95	901			31	420	14,824	35
OH	35	522			24	102			263	1,469	66,602	45
OK	5	288			19	154			13	87	4,694	54
OR	14	652			14	1,301			5	28	2,371	85
PA	26	908			8	68			8	87	7,596	87
PR	1	4										
RI												
SC	249	8,070	1,206	(¹)	90	718			326	6,383	237,527	37
SD	61	653			273	3,206			51	724	22,332	31
TN	45	764			29	586			930	12,438	631,438	51
TX	20	2,012	32,323	16	79	802			2	34	644	19
UT												
VT												
VA	84	1,140			22	246			63	679	40,260	59
WA	1	3							7	57	2,644	46
WV	2	11										
WI	67	561			312	1,172			324	2,079	63,879	31
WY												
US	3,313	84,793	39,258	(¹)	2,275	17,061			5,097	51,701	2,448,007	47

¹ Value less than 0.5.

Note: Total acres treated may not add due to rounding.

Agricultural Stabilization and Conservation Service.

**Table 622.—Conservation Reserve Program (CRP), Enrollment by Practice,
March 1986–July 1991**

(CP 14, CP 15 and CP 16)

State	CP 14 Wetland trees				CP 15 Contour grass strips				CP 16 Shelter belts			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL.....	67	6,572	615,938	94								
AK.....												
AZ.....												
AR.....	100	9,597	492,485	51								
CA.....												
CO.....												
CT.....												
DE.....												
FL.....												
GA.....	61	1,906	87,887	46								
HI.....												
ID.....	5	1,307	21,277	16								
IL.....	237	6,280	382,904	61	5	18	2,782	155	3	8	893	108
IN.....	57	824	71,176	86	1	5	250	50				
IA.....	16	605	36,760	61	20	360	14,177	39	14	24	5,936	247
KS.....	20	459	24,018	52	2	26	813	31	1	2	109	57
KY.....	5	206	15,272	74								
LA.....	198	25,958	1,389,670	54								
ME.....												
MD.....	6	59	4,247	72	1	2	3,500	1,522				
MA.....												
MI.....	12	95	4,931	52	1	5	500	100				
MN.....	26	735	45,078	61	1	2	100	45	10	34	5,554	163
MS.....	127	15,002	815,456	54								
MO.....	46	848	56,574	67	2	17	293	17				
MT.....												
NE.....	6	269	3,694	14	2	9	310	34	20	81	12,166	41
NV.....												
NH.....												
NJ.....	1	5	2,000	400								
NM.....												
NY.....	8	70	4,726	67								
NC.....	30	1,636	51,049	31								
ND.....	1	72	2,304	32					2	24	2,837	116
OH.....	36	242	23,273	96								
OK.....												
OR.....	9	1,954	193,208	99								
PA.....	3	67	6,239	92	1	26	2,560	100				
PR.....												
RI.....												
SC.....	57	1,640	43,798	27								
SD.....									12	43	8,318	193
TN.....	85	4,581	331,957	72								
TX.....	1	238	13,095	55								
UT.....												
VT.....												
VA.....	4	100	2,887	29								
WA.....												
WV.....												
WI.....	32	375	27,346	73								
WY.....												
US.....	1,256	81,702	4,769,249	58	36	471	25,285	54	63	221	35,970	163

Note: Total acres treated may not add due to rounding.
Agricultural Stabilization and Conservation Service.

**Table 623.—Conservation Reserve Program (CRP), Enrollment by Practice,
March 1986–July 1991**

(CP 17, CP 18 and CP 19)

State	CP 17 Living snow fences				CP 18 Salt tolerant grasses				CP 19 Alley cropping			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL.....												
AK.....												
AZ.....												
AR.....												
CA.....												
CO.....												
CT.....												
DE.....												
FL.....												
GA.....												
HI.....												
ID.....												
IL.....												
IN.....												
IA.....	2	2	357	210								
KS.....					2	200	8,250	41				
KY.....												
LA.....												
ME.....												
MD.....												
MA.....												
MI.....												
MN.....	4	17	1,705	99	3	94	4,581	49				
MS.....												
MO.....									1	54	6,947	130
MT.....					8	2,436	46,397	19				
NE.....	1	7	760	107								
NV.....												
NH.....												
NJ.....												
NM.....												
NY.....												
NC.....												
ND.....					4	198	4,191	21				
OH.....												
OK.....					11	853	20,357	24				
OR.....												
PA.....												
PR.....												
RI.....												
SC.....												
SD.....												
TN.....												
TX.....					3	257	14,108	55				
UT.....												
VT.....												
VA.....												
WA.....					1	38	1,668	44				
WV.....												
WI.....												
WY.....												
US...	7	26	2,822	108	32	4,075	99,552	24	1	54	6,947	130

Note: Total acres treated may not add due to rounding.
Agricultural Stabilization and Conservation Service.

Table 624.—Agricultural Conservation Program and Emergency Conservation Program: Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1977-78 and fiscal years 1979-91

Year	Agricultural Conservation Program ¹	Emergency Conservation Program
	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1977.....	175,347	18,952
1978.....	180,940	16,318
1979 ²	245,843	23,418
1980.....	183,686	21,818
1981.....	193,209	15,410
1982.....	168,339	4,251
1983.....	184,986	10,300
1984.....	160,278	12,638
1985.....	178,801	10,700
1986.....	137,305	7,410
1987.....	137,297	3,900
1988.....	198,665	4,378
1989.....	179,244	7,226
1990.....	183,966	12,469
1991.....	191,407	12,579

¹ Excludes administrative expenses. Includes Long-Term Agreements from 1975. ² Because of the change to fiscal year funding in 1979, data for the period October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 625.—Agricultural Conservation Program and Emergency Conservation Program: Participation and assistance, by States and Caribbean area, 1991 fiscal year

State or Territory	Agricultural conservation program					Emergency conservation program		
	Participating farms	Area served	Assistance			Participating farms	Area served	Assistance
			Regular	Long term	Total assistance			
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>
AL.....	2,946	95	4,119	1,012	5,131	1,393	90	1,991
AK.....	42	8	66	45	111			
AZ.....	331	389	842	620	1,462	34	3	185
AR.....	4,213	159	4,240	859	5,099	70	21	714
CA.....	1,515	218	3,925	777	4,702	26	3	204
CO.....	1,886	322	3,180	828	4,008			
CT.....	664	24	353	131	484	4	(¹)	17
DE.....	232	9	261	103	364			
FL.....	1,787	95	2,692	817	3,509	12	1	24
GA.....	2,880	105	3,950	1,458	5,408	311	20	554
HI.....	118	4	865	31	896	8	39	82
ID.....	1,584	198	2,762	670	3,432	9	81	27
IL.....	4,074	166	5,580	1,213	6,773	189	9	245
IN.....	3,282	94	4,031	556	4,587	308	11	432
IA.....	3,914	79	4,699	1,232	5,931	559	14	438
KS.....	4,955	328	4,180	924	5,104			
KY.....	3,754	76	3,540	1,043	4,583			
LA.....	3,286	145	2,694	543	3,237	7	(¹)	12
ME.....	1,548	31	1,471	1,915	3,386			
MD.....	548	19	848	292	1,140	1	(¹)	(²)
MA.....	1,125	33	442	131	573			
MI.....	5,875	248	3,837	1,153	4,990	8	1	11
MN.....	3,895	107	3,865	1,431	5,296	28	1	31
MS.....	3,659	135	4,183	1,040	5,223	78	4	80
MO.....	4,520	122	6,428	1,179	7,607	295	8	434
MT.....	1,987	815	3,286	885	4,171	46	42	128
NE.....	3,711	440	3,866	674	4,540	648	26	524
NV.....	184	107	343	326	669	4	9	7
NH.....	480	21	569	165	734			
NJ.....	516	47	502	202	704			
NM.....	1,257	592	1,836	268	2,104	32	12	23
NY.....	3,115	88	3,360	1,577	4,937			
NC.....	13,439	339	3,860	644	4,504	224	16	305
ND.....	2,941	397	2,844	513	3,357	1	(¹)	(²)
OH.....	3,287	91	2,811	1,484	4,295	106	2	151
OK.....	3,821	172	3,497	494	3,991	106	16	307
OR.....	1,539	199	2,572	1,150	3,722	31	31	177
PA.....	3,019	72	2,980	1,431	4,411			
RI.....	123	2	52	94	146			
SC.....	1,511	54	1,754	803	2,557	1,547	280	2,222
SD.....	3,234	392	2,191	330	2,521	147	102	174
TN.....	4,475	90	3,461	964	4,425			
TX.....	10,131	1,135	12,904	2,132	15,036	536	178	1,991
UT.....	843	109	1,643	438	2,081	1	(¹)	3
VT.....	418	12	373	1,581	1,954	7	(¹)	43
VA.....	4,413	114	3,171	657	3,828			
WA.....	1,912	186	3,120	1,056	4,176	47	7	269
WV.....	2,122	48	1,569	455	2,024			
WI.....	3,714	85	3,113	1,982	5,095	25	(¹)	16
WY.....	445	164	872	695	1,567			
US.....	136,230	9,030	139,082	41,003	180,085	6,848	1,027	11,821
CNMI.....								
Guam.....	2	(¹)	4		4			
PR.....	661	15	645	66	711	14	(¹)	12
VI.....	6	1	20		20	15	8	135
Total.....	136,899	9,046	139,751	41,069	180,820	6,877	1,035	11,968

¹ Less than 500 acres served. ² Less than \$500.

Note: Totals are net totals and may not add.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.

Table 626.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1991 fiscal year

State or Territory	Regular and long-term agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
AL.....	1,114	10,838	123	291	1,770		
AK.....				2	1,074	16	
AZ.....				73	29	12	13,848
AR.....	197	6,269	4	826	46		48,830
CA.....	706	926	344	58		336	87,366
CO.....	1,281	2,346	82	67	664	1,617	89,572
CT.....	86	211		4	952		4
DE.....		5,276	138	35	94		
FL.....	11	1,223	60	553	1,200		7,998
GA.....	36	5,475	93	16	2,350		50
HI.....	75			2	88	201	279
ID.....	87	28,625	306	232	280	493	44,254
IL.....	985	25,169	41	1,650	39,131	121	27,486
IN.....	533	25,682	6	1,531	15,251	15	
IA.....	49	17,466	783	136	2,231	1,553	
KS.....	5,681	69	14	81	14,393	4,056	19,045
KY.....	1,090	4,973	67	356	7,735		
LA.....	9	3,367		1,476	531		22,599
ME.....	667	986		128	963	3	61
MD.....	65			36	2,328		
MA.....	25	291		3	28		664
MI.....	2,478	89,619	1,899	426	3,725	5,241	
MN.....	940	13,849	5,225	361	6,577	24,233	
MS.....	2,137	14,860	38	1,140	754		16,620
MO.....	801	2,665	31	277	1,379	6	1,018
MT.....	506	41	307	18	1,463	5,509	71,729
NE.....	1,867	119	103	171	3,434	17,085	27,427
NV.....						195	22,754
NH.....	38	111	191	24	91		
NJ.....	459	1,863		10	379		446
NM.....	8,637			58		27	39,039
NY.....	3,050	5,224	2	71	1,451	299	1,399
NC.....	988	36,959	195	172	38,330	2	
ND.....	792	823	6,993	2	4,789	87,738	707
OH.....	257	18,062	350	853	24,876	6,622	
OK.....	6,516		26	407	18,362		7,183
OR.....	310	3,763	15	253	1,789	235	19,084
PA.....	4,305	2,243	10	317	6,644		
RI.....		42			1		116
SC.....	123	13,226	441	6	708	100	1,555
SD.....	290	499	3,343	1	2,109	25,972	1,561
TN.....	1,315	16,335	27	502	1,383		
TX.....	16,241	412		285	31,368	22	128,080
UT.....			10	40			35,765
VT.....	1,253	364	212	13	624		
VA.....	88	8,948	11	18	1,616		
WA.....	137	22,699	395	104	7,865	386	20,622
WV.....	321	6	20		1,000		
WI.....	883	17,064	753	148	9,001	412	
WY.....				5		16	16,595
US.....	67,329	408,988	22,658	13,288	260,906	182,523	773,756
CNMI.....							
Guam.....						10	
PR.....		2,161		1			55
VI.....							
Total.....	67,329	411,149	22,658	13,289	260,906	182,533	773,811

Agricultural Stabilization and Conservation Service.

Table 626.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1991 fiscal year—Continued

State or Territory	Regular and long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
AL.....	21,304	569	22,056	1,680	43	223	11,339
AK.....	520	1,023	8	4			
AZ.....		69,756			5		
AR.....	22,622	29,918	848	55	1,096		15
CA.....	1,163	16,805	82	94	2		
CO.....	3,552	14,157		5	37	759	27,976
CT.....	944	68	60	533	1	43	7
DE.....	210		10		2		
FL.....	11,168	10,826	14,589	3,669		331	1,665
GA.....	15,978	6,217	23,715	2,896	93	2	44,998
HI.....	194	1,430					537
ID.....	7,903	41,271	178	116	6	1,016	6,615
IL.....	6,185	913	286	575	93	1,653	17,026
IN.....	5,464	1,551	562	6,651	128		780
IA.....	7,394	545	127	62	225	4,588	25,613
KS.....	6,962	280	2	25	93		236,791
KY.....	26,045	7,228	213	174	129	17	875
LA.....	13,254	14,090	3,805	139	176		147
ME.....	1,368	2,641	987	3,376		360	45
MD.....	939	59	1,507	735	13	602	28
MA.....	695	183	20	164		66	
MI.....	25,875	2,023	3,680	525	3	290	10
MN.....	9,246	481	3,189	814	31	4,761	7,160
MS.....	23,619	3,032	13,476	151	212	2,831	5,632
MO.....	29,626	6,022	167	908	658	25	38,764
MT.....	23,962	111,505	50	120	4	34,151	
NE.....	4,012	32,359	5		138	1,019	46,009
NV.....	670	7123			1		
NH.....	512	754	32	265		12	35
NJ.....	1,397		7	38		20	210
NM.....	717	55,448		20	14		1,706
NY.....	23,455	1,902	448	764	1	8,837	145
NC.....	10,181	44,329	2,272	118	15	1,147	410
ND.....	22,005	677	88		6	1,313	315
OH.....	6,139	6,758	626	1,765	12	727	
OK.....	52,748	5,461	6		409		43,984
OR.....	5,643	32,004	5,217	6,398	20		28,324
PA.....	5,945	4,162	195	323	4	18,440	1,848
RI.....	44		13	24			
SC.....	5,968	1,188	16,020	2,631	110	745	316
SD.....	27,734	1,476		18	22	220	6,019
TN.....	33,495	5,700	635	67	458	495	7,802
TX.....	111,804	318,311	981	3	978		58,763
UT.....	546	38,998			5		1,123
VT.....	587	22	15	451		80	
VA.....	11,662	30,902	5,205	1,777	15	224	230
WA.....	6,548	18,635	6,528	4,202	46	20,254	4,910
WV.....	2,124	22,760	100	281	108		
WI.....	5,915	485	6,748	1,980	11	19,025	380
WY.....	1,081	26,393		106	1		
US.....	607,124	998,440	134,758	44,702	5,424	124,276	628,552
CNMI.....							
Guam.....							
PR.....	1,537	4,813	47		5		3,652
VI.....		521					
Total.....	608,661	1,003,774	134,805	44,702	5,429	124,276	632,204

Agricultural Stabilization and Conservation Service.

Table 627.—Agricultural Conservation Program: ¹ Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1982-91 and total 1936-91

Practice	Unit	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	Total 1936-91
Terrace systems ²	1,000 acres	427	513	388	442	342	572	964	841	535	632	42,322
Sod waterways ² .....	.....do	489	453	207	230	176	133	224	167	175	261	17,587
Conservation tillage systems .....	.....do	738	919	1,009	1,076	631	423	445	330	430	411	7,922
Stripcropping systems .....	.....do	125	127	102	131	92	82	139	123	151	124	116,527
Establishing permanent vegetative cover .....	.....do	714	964	667	772	542	522	646	615	576	609	76,222
Cropland protective cover .....	.....do	1,115	1,100	791	798	637	601	750	636	581	606	510,466
Improving permanent vegetative cover .....	.....do	1,728	1,828	1,337	1,519	1,011	1,014	1,373	1,170	964	1,004	166,290
Planting trees or shrubs .....	.....do	55	66	55	87	98	130	156	132	125	135	7,068
Timber stand improvement .....	.....do	54	38	25	34	27	21	38	40	43	45	5,554
Permanent wildlife habitat ² .....	.....do	46	40	23	23	20	15	24	21	21	23	5,411
Water impoundment reservoirs	Number	7,423	7,020	5,987	5,756	4,783	5,626	8,480	6,520	5,724	5,429	2,484,908
Grazing land protection .....	.....do	9,411	9,151	7,701	8,764	6,664	6,801	12,502	13,764	12,498	11,430	589,898
Contour farming	1,000 acres	24	20	29	35	21	21	20	23	27	22	140,187
Diversions ² .....	.....do	123	111	112	95	71	66	102	85	83	67	7,314
Sediment retention, erosion, or water control structures	Number	12,142	12,646	12,462	14,081	12,655	10,427	16,007	12,281	13,427	13,289	3,495,278

¹ In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentives Programs. From 1975, the data include the Regular and Long-Term Agreement Programs.

² In area served.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 628.—Water Bank Program, status of agreements carried out, 1982 through Sept. 30, 1991, by States

State	Number of agreements	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Dollars</i>
AR.....	409	61,450	43,253	18,197	592,687
CA.....	120	36,271	9,454	26,817	439,765
LA.....	373	50,607	26,157	24,450	582,472
ME.....					
MI.....	8	384	141	243	6,847
MN.....	1,369	66,802	19,956	46,846	1,745,396
MS.....	565	88,961	46,733	42,228	756,310
MT.....	111	13,652	3,028	10,624	196,748
NE.....	114	6,830	2,148	4,682	153,205
ND.....	1,388	187,165	63,254	123,911	2,845,887
SD.....	713	76,360	24,876	51,484	1,208,719
WI.....	345	18,523	6,953	11,570	470,155
Total.....	5,515	607,005	245,953	361,052	8,998,191

Agricultural Stabilization and Conservation Service.

Table 629.—Water Bank Program, summary of status of agreements carried out, 1982 through Sept. 30, 1991, by years

Program year	Number of agreements ¹	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Dollars</i>
1982.....	473	41,334	14,614	26,720	622,453
1983.....	498	51,807	16,286	35,521	808,673
1984.....	574	59,475	22,804	36,671	851,708
1985.....	542	63,894	23,016	40,878	895,060
1986.....	342	37,421	13,791	23,630	528,121
1987.....	482	57,690	20,037	37,653	893,961
1988.....	493	63,513	25,473	38,040	973,804
1989.....	529	63,420	30,349	33,071	925,027
1990.....	758	77,309	35,502	41,807	1,091,991
1991.....	787	86,374	42,268	44,106	1,332,762
1992 ¹	37	4,768	1,813	2,955	74,631
Total.....	5,515	607,005	245,953	361,052	8,998,191

¹ The agreements were entered into in 1991. Since compliance could not be rendered during 1991, the agreements were given the beginning date of January 1, 1992.

Agricultural Stabilization and Conservation Service.

Table 630.—Forestry Incentives Program, practices performed, by States and Caribbean area, 1991 fiscal year and cumulative 1975-91 ¹

State	1991				Cumulative 1975-91			
	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Special forestry practices
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL.....	12,349	656	155		283,481	27,526	798	
AZ.....		34			13	1,852		
AR.....	11,720	1,458	531		174,415	104,576	6,920	7,981
CA.....	126	222			8,578	9,682		
CO.....	10	200			247	4,728		
CT.....	73	100			1,295	7,594	10	2,336
DE.....	645	374			5,621	1,923		
FL.....	15,512	475			241,111	9,304	193	
GA.....	13,528	1,175	18		252,190	18,073	694	
HI.....					250			
ID.....	128	176	2		1,179	3,065	20	
IL.....	340	1,419	213		3,014	29,937	506	
IN.....	136	3,525	82		3,553	71,126	1,693	
IA.....	65	579			2,854	7,556	42	
KS.....		136			441	4,599		
KY.....	299	1,098	132		4,263	53,302	1,370	2,121
LA.....	12,675	597	73		159,018	45,367	2,222	
ME.....	113	487			6,544	18,406	269	
MD.....	1,419	660	59		23,158	12,954	99	
MA.....	52	900	42		416	34,445	72	739
MI.....	935	279	25		25,490	36,883	25	
MN.....	257	138	35		15,104	12,646	433	648
MS.....	28,062	108	25		273,525	27,157	1,091	16
MO.....	109	998			11,784	81,842		
MT.....	18	108			174	4,473	117	
NE.....		82			553	1,863		
NV.....					526	50		
NH.....	20	714	45		154	27,597	756	
NJ.....		25			927	12,179		
NM.....		121			65	7,004		
NY.....	90	1,294			4,187	62,017	110	4,323
NC.....	17,819	93	13		274,979	18,578	972	
ND.....					207	141		48
OH.....	512	3,377	203		11,829	73,432	812	
OK.....	542	1,092			18,076	32,930	363	
OR.....	4,835	1,229			45,522	22,748		
PA.....	51	1,368	33		5,243	35,016	231	
PR.....	64				1,237	10		
RI.....	13	50			145	2,443		
SC.....	13,873	834	102		224,467	11,536	289	
SD.....		176			29	3,854		
TN.....	1,482				26,960	15,210	425	
TX.....	10,341	272			158,849	51,219		
UT.....						12		
VT.....	2	394			410	21,290	244	16,368
VA.....	22,748	5,276			283,116	42,478	186	
WA.....	3,420	506	20		36,021	10,720	20	
WV.....	380	1,445	22		6,252	94,141	115	24,094
WI.....	1,438	805	544		29,920	32,290	2,579	265
WY.....		1,392			4	11,985		
Total.....	176,201	36,447	2,374		2,627,396	1,219,739	23,676	58,939

¹ In 1974, the program was part of the Rural Environmental Conservation Program (now called the Agricultural Conservation Program). Data for the program year were published in the 1974 Rural Environmental Conservation Program Summary. In 1975 it became a separately funded program.

Agricultural Stabilization and Conservation Service.

Table 631.—Forestry Incentives Program, participation and assistance, by States and Caribbean area, 1991 fiscal year

State	Participants	Area served	Assistance		
			Regular	Long term	Total assistance
	Number	Acres	Dollars	Dollars	Dollars
AL.....	323	13,160	999,175		999,175
AK.....	1	34	3,712		3,712
AZ.....					
AR.....	315	13,709	659,227		659,227
CA.....	17	348	52,583		52,583
CO.....	5	210	7,153	2,000	9,153
CT.....	8	173	10,605		10,605
DE.....	25	1,019	74,077		74,077
FL.....	277	15,987	1,379,260		1,379,260
GA.....	346	14,721	1,373,068		1,373,068
HI.....					
ID.....	17	306	31,360	461	31,821
IL.....	77	1,972	44,175	476	44,651
IN.....	96	3,743	87,748		87,748
IA.....	32	644	32,731		32,731
KS.....	8	136	5,331		5,331
KY.....	61	1,529	70,628		70,628
LA.....	310	13,345	683,921		683,921
ME.....	36	600	40,260	9,033	49,293
MD.....	62	2,138	156,417	2,763	159,180
MA.....	66	994	48,182	3,528	51,710
MI.....	84	1,239	82,664	18,524	101,188
MN.....	21	430	40,772		40,772
MS.....	406	28,195	999,924		999,924
MO.....	36	1,107	27,178		27,178
MT.....	5	126	10,408	2,564	12,972
NE.....	4	82	2,630		2,630
NV.....					
NH.....	53	779	36,185	8,568	44,753
NJ.....	4	25	491		491
NM.....	3	121	2,731		2,731
NY.....	88	1,384	54,767	24,728	79,495
NC.....	483	17,925	698,314		698,314
ND.....					
OH.....	166	4,092	143,036		143,036
OK.....	28	1,634	61,460		61,460
OR.....	125	6,064	635,002	3,431	638,433
PA.....	77	1,452	76,852		76,852
PR.....	6	64	11,224		11,224
RI.....	6	63	2,292	2,964	5,256
SC.....	369	14,809	1,051,113		1,051,113
SD.....	12	176	8,295	2,495	10,790
TN.....	24	1,482	108,558		108,558
TX.....	274	10,613	473,264		473,264
UT.....					
VT.....	38	396	21,231	605	21,836
VA.....	668	28,024	967,518		967,518
WA.....	72	3,946	367,750		367,750
WV.....	102	1,847	77,750	4,682	82,432
WI.....	154	2,787	175,742	1,456	177,198
WY.....	27	1,392	67,893		67,893
Total.....	5,417	215,022	11,964,657	88,278	12,052,935

Agricultural Stabilization and Conservation Service.

Table 632.—Soil conservation districts: Funds appropriated by State and local governments for conservation programs, fiscal year ending Sept. 30, 1991

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	<i>1,000 dollars</i>		<i>1,000 dollars</i>
AL.....	4,937	NV.....	89
AK.....	211	NH.....	393
AZ.....	10,907	NJ.....	3,529
AR.....	4,086	NM.....	1,190
CA.....	19,172	NY.....	6,355
CO.....	1,387	NC.....	16,218
CT.....	4,954	ND.....	1,825
DE.....	8,243	OH.....	14,010
FL.....	4,463	OK.....	4,240
GA.....	5,922	OR.....	4,787
HI.....	7,578	PA.....	6,026
ID.....	7,157	RI.....	127
IL.....	7,163	SC.....	4,580
IN.....	8,916	SD.....	1,799
IA.....	18,097	TN.....	2,670
KS.....	16,291	TX.....	71,802
KY.....	6,748	UT.....	29,737
LA.....	5,515	VT.....	534
ME.....	457	VA.....	11,116
MD.....	8,050	WA.....	10,654
MA.....	759	WV.....	8,361
MI.....	7,162	WI.....	9,850
MN.....	38,258	WY.....	1,381
MS.....	3,593	Caribbean ¹	8,686
MO.....	31,555	Pacific Basin ²	574
MT.....	4,450	Total.....	493,865
NE.....	37,301		

¹ Puerto Rico and Virgin Islands.² Guam and Northern Marianas.

Soil Conservation Service.

Table 633.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1977-92

Year ¹	Number districts organized ²		Total area in districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1977.....	-3	2,937	1,578	2,217,763
1978.....		2,937	-2,735	2,215,028
1979.....		2,937		2,215,028
1980.....	-5	2,932	-3,602	2,211,426
1981.....	5	2,932	7,649	2,219,075
1982.....	1	2,938	44	2,219,119
1983.....		2,939		2,219,119
1984.....	2	2,941	135	2,219,254
1985.....	1	2,940	100	2,219,154
1986.....	7	2,947	-24,839	2,194,315
1987.....	-6	2,941	3,219	2,197,534
1988.....	15	2,956	-13,837	2,183,697
1989.....		2,956		2,183,697
1990.....	-1	2,955	-3,227	2,180,470
1991.....	0	2,955	29,692	2,210,162
1992.....	0	2,955	-64,101	2,146,061

¹ Fiscal year Oct. 1 through Sept. 30.² Totals at the end of each year are net, including corrections and adjustments made during the year.

Soil Conservation Service.

Table 634.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area and number of farms, cumulative through Sept. 30, 1992

State or Territory	Date district law became effective	Districts organized ¹	Approximate area and number of farms within organized districts	
			Total area	Farms (and ranches)
		<i>Number</i>	<i>1,000 acres</i>	<i>Thousands</i>
Alabama.....	Mar. 18, 1939	67	32,454	115,917
Alaska.....	Mar. 25, 1947	10	375,304	1,469
Arizona.....	June 16, 1941	38	73,090	5,517
Arkansas.....	July 1, 1937	76	33,176	51,871
California.....	June 26, 1938	117	65,890	55,342
Colorado.....	May 6, 1937	79	58,774	30,549
Connecticut.....	July 18, 1945	8	3,135	3,605
Delaware.....	Apr. 2, 1943	3	1,309	7,875
District of Columbia.....	July 12, 1982	1	44	0
Florida.....	June 10, 1937	63	32,686	60,193
Georgia.....	Mar. 23, 1937	40	37,261	78,353
Hawaii.....	May 19, 1947	16	4,035	5,515
Idaho.....	Mar. 9, 1939	51	52,416	32,103
Illinois.....	July 9, 1937	98	28,502	89,070
Indiana.....	Mar. 11, 1937	92	23,166	70,506
Iowa.....	July 4, 1939	100	36,016	107,000
Kansas.....	Apr. 10, 1937	105	51,873	133,197
Kentucky.....	June 11, 1940	121	25,863	172,603
Louisiana.....	July 27, 1938	43	26,414	27,766
Maine.....	Mar. 25, 1941	16	18,735	17,421
Maryland.....	June 1, 1937	24	6,636	32,519
Massachusetts.....	June 28, 1945	16	5,065	6,216
Michigan.....	July 23, 1937	83	36,034	58,742
Minnesota.....	Apr. 26, 1937	90	50,823	123,373
Mississippi.....	Apr. 4, 1938	82	29,816	126,481
Missouri.....	July 23, 1943	112	42	145,918
Montana.....	Feb. 28, 1939	59	90,667	28,697
Nebraska.....	May 18, 1937	23	47,795	59,504
Nevada.....	Mar. 30, 1937	29	50,339	3,217
New Hampshire.....	May 10, 1945	10	5,955	2,515
New Jersey.....	July 1, 1937	16	4,983	9,200
New Mexico.....	Mar. 17, 1937	47	77,408	27,604
New York.....	July 20, 1940	57	30,488	49,400
North Carolina.....	Mar. 22, 1937	100	33,709	128,398
North Dakota.....	Mar. 16, 1937	60	42,958	63,497
Ohio.....	June 5, 1941	88	26,260	101,014
Oklahoma.....	Apr. 15, 1937	89	44,000	128,209
Oregon.....	Apr. 7, 1939	45	58,730	31,362
Pennsylvania.....	July 2, 1937	66	28,906	52,374
Rhode Island.....	Apr. 26, 1943	3	675	614
South Carolina.....	Apr. 17, 1937	46	19,912	26,000
South Dakota.....	July 1, 1937	69	49,353	41,524
Tennessee.....	Mar. 10, 1939	95	25,353	219,787
Texas.....	Apr. 24, 1939	212	162,660	283,866
Utah.....	Mar. 23, 1937	39	52,410	15,118
Vermont.....	Apr. 18, 1939	14	6,186	6,877
Virginia.....	Apr. 1, 1938	45	25,346	52,195
Washington.....	Mar. 17, 1939	48	38,350	42,111
West Virginia.....	June 12, 1939	14	14,439	17,237
Wisconsin.....	July 1, 1937	72	35,938	83,326
Wyoming.....	May 22, 1941	34	62,094	10,462
US.....		2,931	2,143,479	3,043,229
Caribbean.....	June 1946	18	2,311	30,591
Pacific Basin ²	May 31, 1984	6	271	11,765
Totals.....		2,955	2,146,061	3,085,585

¹ For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws. ² Guam and Northern Marianas.

Soil Conservation Service.

Table 635.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1991, and cumulative through Sept. 30, 1991

State or Territory	Progressive Soil Survey Program ¹			State or Territory	Progressive Soil Survey Program ¹		
	Work during year ending Sept. 30, 1991		Total to date		Work during year ending Sept. 30, 1991		Total to date
	Acres mapped	Acres updated			Acres mapped	Acres updated	
AL.....	324,675	41,922	28,119,115	NV.....	2,048,672	264,480	55,417,441
AK.....	806,604	1,150,000	40,757,783	NH.....	30,885	61,025	5,132,632
AZ.....	1,598,691	143,283	46,210,629	NJ.....			4,861,100
AR.....	182,897	183,325	32,775,461	NM.....	512,444	588,000	68,634,240
CA.....	431,615	145,000	72,017,848	NY.....	297,418	98,717	27,589,209
CO.....	990,707	130,710	60,766,912	NC.....	713,373	135,697	28,410,239
CT.....		105,000	3,211,700	ND.....	1,062,619	265,920	42,970,451
DE.....		60,806	1,308,500	OH.....	130,577	418,156	26,399,049
FL.....	537,900	600,000	34,356,700	OK.....		267,802	44,771,700
GA.....	266,415	112,095	33,804,877	OR.....	1,195,095	18,855	34,202,008
HI.....			4,042,820	PA.....		632,857	28,997,200
ID.....	542,346	43,555	34,487,258	RI.....			775,900
IL.....	351,858	57,771	35,268,124	SC.....		317,602	19,912,100
IN.....		193,500	23,158,600	SD.....	498,289	274,525	49,335,182
IA.....		445,980	36,016,200	TN.....	281,893	205,052	24,870,433
KS.....		361,880	52,657,500	TX.....	1,635,609	2,513,273	158,569,105
KY.....	541,990	188,169	24,427,744	UT.....	575,628	284,137	46,058,614
LA.....	1,057,841	166,301	30,561,000	VT.....	87,634	24,495	4,701,434
ME.....	330,553		15,274,826	VA.....	752,479		20,035,307
MD.....		160,000	6,694,500	WA.....	447,391	92,589	35,779,135
MA.....		76,766	5,301,800	WV.....	176,156	57,360	13,638,335
MI.....	969,031		30,384,265	WI.....	434,382	389,233	31,049,980
MN.....	1,060,237	158,426	40,404,235	WY.....	907,195	338,428	39,371,643
MS.....	231,691	111,872	27,288,863	Caribbean ²		12,000	2,333,800
MO.....	1,326,983	68,228	35,369,282				
MT.....	1,438,805	9,180	72,161,364	Total.....	25,257,553	12,251,949	1,688,733,343
NE.....	505,975	277,977	47,549,600				

¹ The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

² Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 636.—Land protected from erosion by soil conservation practices: Newly applied in soil conservation districts with Soil Conservation Service assistance, fiscal years 1987-91

Land protected from erosion	Unit	1987	1988	1989	1990	1991
Cropland.....	Acres.....	20,317,696	22,883,640	23,038,757	23,761,858	23,301,183
Pasture and hayland.....	do.....	5,184,482	6,167,604	5,401,220	4,870,973	4,387,931
Range and native pasture.....	do.....	26,186,535	28,184,587	29,249,034	26,275,165	28,412,329
Woodland.....	do.....	1,790,156	1,818,494	2,191,268	1,540,716	1,481,606
Wildlife.....	do.....	1,655,329	1,648,216	2,311,863	2,145,464	2,142,766
Recreation.....	do.....	62,348	42,728	42,811	76,297	81,489
All others.....	do.....	375,958	1,085,027	456,473	2,168,459	304,115
Total land protected.....	Acres.....	55,572,504	61,830,296	62,691,426	60,838,932	60,111,419

Soil Conservation Service.

Table 637.—Land protected from erosion by soil conservation practices: Applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1991

State or Territory	Cropland	Pasture and hayland	Range native pasture	Woodland	Wildlife	Recreation	Other land	Total land protected
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
AL.....	193,368	115,189	9	88,592	13,105	1,977	892	413,132
AK.....	4,052	8,580	2,069,712	2,145	2,621	10	40	2,087,160
AZ.....	5,190	443	1,056,967	0	62,955	0	0	1,125,555
AR.....	250,297	182,890	9,610	50,062	46,140	528	357	539,884
CA.....	194,051	49,114	141,579	10,294	48,585	1,569	6,572	451,764
CO.....	532,784	164,021	697,248	2,702	626	2	5,279	1,402,662
CT.....	5,646	0	0	0	0	0	0	5,646
DE.....	7,678	14	187	536	19	0	52	8,486
FL.....	122,668	161,962	199,456	41,126	1,647	133	36	527,028
GA.....	299,476	108,236	0	77,847	36,206	416	7,771	529,952
HI.....	41,525	18,552	44,481	14	2,013	0	2,098	108,683
ID.....	239,047	9,226	21,164	147	995	0	70	270,649
IL.....	1,054,768	95,642	45	4,277	49,135	381	2,922	1,207,170
IN.....	167,651	9,032	8	2,057	2,873	154	691	182,466
IA.....	1,091,180	33,902	0	1,637	85,524	102	1,496	1,213,841
KS.....	1,979,935	18,923	170,057	337	6,509	1,125	79	2,176,965
KY.....	1,772,070	67,357	0	9,392	40,661	0	0	1,889,480
LA.....	325,702	88,345	15,480	147,849	173,058	548	2,279	753,261
ME.....	502	1,755	0	7	224	0	1,624	4,112
MD.....	102,906	4,661	0	472	7,285	9	3,166	118,499
MA.....	2,017	254	0	0	13	0	3	2,287
MI.....	246,435	20,972	15	23,079	21,225	390	653	312,769
MN.....	266,058	18,349	340	1,968	32,292	471	5,369	324,847
MS.....	368,021	135,510	190	127,247	29,280	498	3,625	667,371
MO.....	577,163	107,348	862	8,326	16,870	34	123,425	834,028
MT.....	833,467	161,156	649,290	709	6,478	2,402	2,318	1,655,820
NE.....	822,810	50,991	518,797	214	30,372	80	4,909	1,428,173
NV.....	2,447	146,866	1,496,680	121	14,215	60	98	1,660,487
NH.....	3,108	2,047	0	5,385	709	169	405	11,773
NJ.....	28,643	911	0	0	53	2	544	30,153
NM.....	202,148	15,337	2,961,234	15,546	40,079	22,353	9,867	3,266,564
NY.....	151,239	29,962	1,049	104	414	58	3,519	186,345
NC.....	320,087	21,479	71	2,681	560	112	3,195	348,185
ND.....	1,248,288	90,557	327,389	2	36,125	27	19,961	1,722,349
OH.....	147,281	17,444	0	791	638	36	185	166,375
OK.....	410,980	178,440	159,507	5,636	6,733	15	25	761,336
OR.....	137,864	28,647	114,328	8,591	4,516	15	601	294,562
PA.....	53,474	3,657	0	133	2	3	502	57,771
RI.....	0	0	0	0	0	0	0	0
SC.....	185,427	36,972	28	73,640	13,278	115	19,986	329,446
SD.....	824,176	137,471	1,135,992	197	18,680	0	13,215	2,129,731
TN.....	369,168	56,592	15	938	1,246	1	167	428,127
TX.....	6,837,170	1,761,729	15,825,795	696,522	1,157,156	47,487	48,324	26,374,183
UT.....	15,077	11,829	173,103	0	1,497	0	2,863	204,369
VT.....	4,522	1,622	0	122	0	0	14	6,280
VA.....	66,829	58,591	57	6,180	82	45	1,411	133,195
WA.....	423,365	24,654	207,213	41,225	1,027	94	604	698,182
WV.....	11,463	35,025	57	563	4,209	27	403	51,747
WI.....	284,003	13,270	3	21,946	9,342	28	766	329,358
WY.....	49,954	61,569	401,725	28	115,337	13	1,734	630,360
Caribbean ¹ ...	18,003	17,836	12,586	269	137	0	0	48,851
Total.....	23,301,183	4,387,931	28,412,329	1,481,606	2,142,766	81,489	304,115	60,111,419

¹ Puerto Rico and Virgin Islands.
Soil Conservation Service.

Table 638.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1991

State or Territory	Progress, year ending Sept. 30, 1991		
	New SCD cooperators		New conservation plans ¹
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>
Alabama	29,916	11,216,759	787,785
Alaska	1,325	16,982,074	8,489,596
Arizona	4,461	23,123,732	10,818,794
Arkansas	79,874	18,062,902	18,403,950
California	13,622	8,105,574	4,070,965
Colorado	21,588	30,169,022	24,328,719
Connecticut	1,536	258,913	26,045
Delaware	4,748	683,713	511,765
Florida	13,238	7,725,376	5,795,858
Georgia	78,270	16,960,259	14,709,786
Hawaii	3,589	2,536,127	1,888,148
Idaho	19,318	10,914,502	6,662,887
Illinois	34,860	5,079,011	4,477,779
Indiana	33,380	10,757,312	8,610,387
Iowa	129,461	18,977,515	7,462,703
Kansas	37,805	12,501,076	4,267,402
Kentucky	81,677	11,471,813	6,995,757
Louisiana	47,194	15,089,006	11,727,891
Maine	10,990	2,603,145	1,729,180
Maryland	957	87,276	305,037
Massachusetts	5,653	728,370	782,370
Michigan	62,279	9,121,404	8,456,613
Minnesota	78,718	22,296,619	13,441,669
Mississippi	82,001	17,562,300	14,051,362
Missouri	87,832	19,581,792	12,805,654
Montana	15,793	45,176,570	38,219,769
Nebraska	98,644	46,194,565	24,085,512
Nevada	2,127	6,973,747	4,970,804
New Hampshire	5,186	1,066,269	670,471
New Jersey	6,557	857,810	661,726
New Mexico	13,144	43,705,761	39,202,371
New York	78	6,523	6,787
North Carolina	80,172	12,686,423	8,706,170
North Dakota	34,336	32,170,795	29,530,020
Ohio	96,305	13,687,165	9,240,108
Oklahoma	100,704	32,522,404	31,749,997
Oregon	15,522	12,914,303	9,534,521
Pennsylvania	73,345	12,479,363	11,238,410
Rhode Island	1,510	114,416	71,848
South Carolina	35,302	7,079,926	6,128,630
South Dakota	43,213	43,832,863	17,241,722
Tennessee	58,670	8,493,316	8,197,072
Texas	215,608	124,504,627	114,110,914
Utah	9,138	9,059,162	9,172,992
Vermont	836	159,490	147,151
Virginia	51,133	5,949,744	4,385,427
Washington	20,501	7,324,359	3,418,665
West Virginia	38,518	7,102,659	4,439,097
Wisconsin	52,816	11,219,233	7,560,034
Wyoming	6,926	30,452,498	23,711,969
Caribbean ²	15,338	857,828	804,030
Total	2,055,714	809,187,411	598,814,319

¹ Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years. ² Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 639.—Great Plains Conservation Program: ¹ Status of cost-share contracts, by States, year ending Sept. 30, 1991

State	Designated counties	Active land treatment contracts in operation	
		1991	
	Number	Number	1,000 acres
CO.....	38	552	1,562
KS.....	62	1,021	540
MT.....	46	377	2,532
NE.....	65	562	1,342
NM.....	27	189	2,557
ND.....	48	557	1,319
OK.....	44	452	560
SD.....	52	579	2,299
TX.....	155	1,241	2,707
WY.....	19	249	2,178
Total.....	556	5,779	17,596

¹ As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).
Soil Conservation Service.

Table 640.—Watershed protection ¹ and flood prevention projects: ² Works of improvement installed with the assistance of the Soil Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1991

Item	Unit	Watershed and flood prevention projects
Flood prevention subwatersheds in operation during year.....	Number.....	243
Watershed projects in operation during year.....	do.....	624
Land protected from erosion:		
Cropland.....	Acres.....	449,740
Pasture and hayland.....	do.....	245,187
Range and native pasture.....	do.....	321,183
Woodland.....	do.....	21,957
Wildlife.....	do.....	47,204
Recreation.....	do.....	9,024
Other.....	do.....	13,190
Total land ³	do.....	1,107,485

¹ As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended. ² All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of Sept. 30, 1985, work in two watersheds was completed. ³ Land protected data included in Table 642 "Land Protected From Erosion by Soil Conservation Practices."

Soil Conservation Service.

Table 641.—Small watershed protection and flood prevention projects: Accomplishments for years ending Sept. 30, 1987-91

Item	Unit of measure	1987	1988	1989	1990	1991
Small watershed protection: ¹						
Land treatment: ²						
Forest land.....	Acres.....	5,462	9,692	8,735	10,477	26,967
Cropland.....	do.....	1,061	2,079	2,395	279	745
Pastureland.....	do.....	424	831	156	308	728
Total land treatment.....	do.....	6,947	12,602	11,286	11,064	28,440
Land owners assisted.....	Number.....	372	1,068	1,238	1,144	1,990
Flood prevention: ³						
Land treatment: ²						
Forest land.....	Acres.....	6,399	6,742	15,349	4,457	11,700
Cropland.....	do.....	793	454	253	970	
Pastureland.....	do.....	317	182	259	188	
Total land treatment.....	do.....	7,509	7,378	15,861	5,615	11,700
Land owners assisted.....	Number.....	5,113	2,932	2,091	2,116	1,920

¹ As authorized by the Watershed Protection and Flood Prevention Act of 1954 (Public Law 83-566), as amended. Accomplishments are limited to activities accomplished solely by small watershed protection program funds.

² Reported in land use categories consistent with those reported by the Soil Conservation Service. ³ As authorized by the Navigation and Flood Control Act of 1944 (Public Law 78-534), as amended. Accomplishments are limited to activities accomplished solely by small watershed protection program funds.

Forest Service.

Table 642.—Tree planting: Acres seeded and acres of tree planting, in States and Territories, fiscal year 1991

State or other area	Total	Federal lands			Non-federal public ¹ lands	Private ² lands
		Total	National Forest System	Other ³		
	Acres	Acres	Acres	Acres	Acres	Acres
AL.....	232,906	5,402	4,613	789	2,280	225,224
AK.....	1,958	722	722		1,216	20
AZ.....	4,017	2,599	2,599		10	1,408
AR.....	125,188	13,508	11,695	1,813	2,365	109,315
CA.....	99,566	52,443	52,023	420	420	46,703
CO.....	7,173	677	526	151	116	6,380
CT.....	747				31	716
DE.....	851					851
FL.....	154,197	15,109	11,530	3,579	1,495	137,593
GA.....	331,417	4,994	3,768	1,226	2,813	323,610
HI.....	356				274	82
ID.....	42,886	81,217	30,634	583	2,960	8,709
IL.....	7,529	186	134	52		7,343
IN.....	9,429	57		57	215	9,157
IA.....	9,162	161		161	734	8,267
KS.....	2,552	36		36	200	2,316
KY.....	12,977	459	412	47	3	12,515
LA.....	143,367	9,154	5,723	3,431		134,213
ME.....	8,737	30		30	80	8,627
MD.....	8,320				378	7,942
MA.....	131	31		31		100
MI.....	24,904	3,334	3,334		4,556	17,014
MN.....	33,200	1,212	1,210	2	14,668	17,320
MS.....	264,041	14,835	13,127	1,708	10,957	238,249
MO.....	4,565	1,683	1,410	273		2,882
MT.....	36,634	24,751	24,084	667	1,086	10,797
NE.....	5,909	114	80	34	455	5,340
NV.....	226	56		56	20	150
NH.....	403	8	8			395
NJ.....	1,302	128		128	254	920
NM.....	4,604	2,494	2,482	12		2,110
NY.....	1,922	654		654	192	1,076
NC.....	115,691	3,010	2,831	179	392	112,289
ND.....	6,266	127		127	141	5,998
OH.....	4,793	149	74	75		4,644
OK.....	14,844	566	519	47		14,278
OR.....	249,630	132,857	94,847	38,010	6,882	109,891
PA.....	1,478	617	567	50		861
RI.....	136				20	116
SC.....	130,201	9,258	7,425	1,833	923	120,020
SD.....	5,257	72	3	69	190	4,995
TN.....	22,415	2,550	1,479	1,071	233	19,632
TX.....	109,657	5,548	5,190	358		104,109
UT.....	818	574	574		112	132
VT.....	107	107	107			
VA.....	102,590	1,261	757	504	1,382	99,947
WA.....	181,514	29,067	28,855	212	17,050	135,397
WV.....	3,115	132	114	18		2,983
WI.....	24,151	1,248	1,074	174	1,183	21,720
WY.....	4,010	3,017	2,846	171		993
State totals.....	2,557,849	376,214	317,376	58,838	76,286	2,105,349
PR.....						
Other ⁴	176				82	94
Total.....	2,558,025	376,214	317,376	58,838	76,368	2,105,443

¹ State forest, other State, and other public agencies lands. ² Forest industry, other industry, and nonindustrial lands. ³ U.S. Department of Interior and Indian Reservations, and other federal lands. ⁴ Guam and the Trust Territories of the Pacific Islands.

Forest Service.

Table 643.—Forest land: Total forest land and area and ownership of timberland, by regions, Jan. 1, 1987 ¹

Region	Total forest land ²	Timberland ³							
		All owner-ships	Federal			State, county, and municipal ⁴	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Northeast	85,251	80,102	2,936	2,212	724	6,834	70,332	12,590	57,742
North Central	80,221	74,584	7,990	7,253	737	13,227	53,367	4,361	49,006
Great Plains	4,229	3,529	993	943	50	232	2,304	21	2,283
North	169,701	158,215	11,919	10,408	1,511	20,293	126,003	16,972	109,031
Southeast	87,744	84,594	6,983	4,871	2,112	1,789	75,822	16,793	59,029
South Central	115,741	110,790	8,917	6,896	2,021	1,994	99,879	21,438	78,441
South	203,485	195,384	15,900	11,767	4,133	3,783	175,701	38,231	137,470
Pacific Northwest ⁵	178,958	54,697	22,424	19,487	2,937	9,534	22,739	9,702	13,037
Pacific Southwest ⁶	41,129	17,412	9,051	8,742	309	544	7,817	2,757	5,060
Rocky Mountains	138,104	57,611	37,709	34,819	2,890	5,196	14,706	2,943	11,763
West	358,191	129,720	69,184	63,048	6,136	15,274	45,262	15,402	29,860
All regions	731,377	483,319	97,003	85,223	11,780	39,350	346,966	70,605	276,361

¹ Data may not add to totals because of rounding. ² Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and nonforested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are pinyon-juniper and chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if less than 120 feet in width. ³ Timberland is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. ⁴ Includes Indian lands.

⁵ Includes Alaska. ⁶ Includes Hawaii.

Forest Service.

Table 644.—Timber volume: Net volume of growing stock and sawtimber on timberland, by softwoods and hardwoods, and regions, Jan. 1, 1987 ¹

Region	Growing stock ²			Sawtimber ³		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Northeast.....	109,135	31,391	77,744	252,183	80,476	171,707
North Central.....	77,905	16,009	61,896	207,088	45,255	161,833
Great Plains.....	3,380	1,912	1,468	11,742	6,807	4,935
North.....	190,420	49,312	141,108	471,013	132,538	338,475
Southeast.....	114,166	50,804	63,362	352,538	169,066	183,452
South Central.....	123,868	52,994	70,874	404,624	211,053	193,571
South.....	238,034	103,798	134,236	757,162	380,139	377,023
Pacific Northwest ⁴	168,831	153,074	15,757	888,736	842,838	45,898
Pacific Southwest ⁵	54,051	46,311	7,740	313,163	289,193	23,970
Rocky Mountains.....	104,599	98,386	6,213	399,196	386,904	12,292
West.....	327,481	297,771	29,710	1,601,095	1,518,935	82,160
All regions.....	755,935	450,881	305,054	2,829,270	2,031,612	797,658

¹ Data may not add to totals because of rounding. ² Live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground.

³ Live trees of commercial species containing at least one 12-foot sawlog or two noncontiguous 8-foot logs, and meeting regional specifications for freedom from defect. Softwood trees must be at least 9.0-inches diameter and hardwood trees must be at least 11.0-inches diameter at 4½ feet above ground. ⁴ Includes Alaska. ⁵ Includes Hawaii.

Forest Service.

Table 645.—Timber removals: Roundwood product output, logging residues and other removals from growing stock and other sources, by softwoods and hardwoods, 1986 ¹

Roundwood products, logging residues, and other removals	All sources			Growing stock ²			Other sources ³		
	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
Roundwood products:									
Sawlogs	7,064	5,395	1,668	6,722	5,175	1,546	342	220	122
Pulpwood	4,788	3,103	1,685	3,894	2,481	1,413	894	622	272
Veneer logs	1,540	1,433	107	1,439	1,337	102	101	96	5
Other products ⁴	1,087	868	219	1,031	842	189	56	26	30
Fuelwood	3,114	545	2,568	798	206	592	2,316	339	1,977
Total	17,593	11,345	6,248	13,884	10,042	3,843	3,708	1,303	2,405
Logging residues ⁵	3,913	2,270	1,643	⁶ 1,582	⁶ 999	⁶ 584	⁷ 2,331	⁷ 1,272	⁷ 1,059
Other removals ⁸	1,673	422	1,251	⁶ 984	⁶ 327	⁶ 657	⁷ 689	⁷ 95	⁷ 593
Total	23,178	14,037	9,141	16,451	11,367	5,083	6,728	2,670	4,058

¹ Data may not add to totals because of rounding. ² Includes live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. ³ Includes salvageable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 5.0-inches diameter at 4½ feet above ground, tops, and roundwood harvested from nonforest land (for example, fence rows). ⁴ Includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal and export logs. ⁵ Downed and dead wood volume left on the ground after trees have been cut on timberland.

⁶ Growing stock volume cut or knocked down during harvest but left at the harvest site. ⁷ Wood volume other than growing stock left on the ground after harvest, cultural operations, or timberland clearing. This volume is net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; includes downed dead and cull trees, tops above the 4-inch growing stock top, and trees smaller than 5 inches diameter at 4½ feet above ground; excludes stumps and limbs. ⁸ Unutilized wood volume from cut or otherwise killed growing stock, from nongrowing stock sources on timberland (for example, precommercial thinnings), or from timberland clearing. Does not include volume removed from inventory through reclassification of timberland to reserved timberland.

⁹ Growing stock volume removed by cultural operations or timberland clearing.

Forest Service.

Table 646.—Timber growth, removals and mortality: Net annual growth, removals, and mortality of growing stock on timberland by softwoods and hardwoods and regions, 1986 ¹

Region	Growth ²			Removals ³			Mortality ⁴		
	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
Northeast	2,948	702	2,246	1,302	521	781	675	257	418
North Central	2,564	587	1,977	1,406	205	1,202	568	111	457
Great Plains	86	47	38	42	26	16	15	7	8
North	5,598	1,336	4,262	2,750	751	1,999	1,258	375	883
Southeast	5,169	2,972	2,197	4,167	2,836	1,332	915	539	376
South Central	5,260	2,877	2,383	4,531	2,906	1,626	812	351	461
South	10,429	5,849	4,580	8,699	5,741	2,958	1,727	890	837
Pacific Northwest ⁵	3,412	2,887	525	3,342	3,239	104	673	594	78
Pacific Southwest ⁶	1,046	889	⁷ 157	830	819	12	272	248	24
Rocky Mountains	2,041	1,909	131	829	817	12	530	488	43
West	6,499	5,685	813	5,002	4,875	127	1,475	1,330	145
All regions	22,526	12,870	9,656	16,451	11,367	5,083	4,460	2,596	1,865

¹ Data may not add to totals because of rounding. ² The net increase in the volume of trees during a specified year. Components include the increment in net volume of trees at the beginning of the specific year surviving to its end, plus the net volume of trees reaching the minimum size class during the year, minus the volume of trees that died during the year, and minus the net volume of trees that became cull trees during the year. ³ The net volume of trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing. ⁴ The volume of sound wood in trees that died from natural causes during a specified year. ⁵ Includes Alaska. ⁶ Includes Hawaii. ⁷ Excludes hardwood growth on National Forest land in California.

Forest Service.

Table 647.—Timber volume: Net volume of sawtimber on timberland in the West, by regions and species, Jan. 1, 1987 ¹

Species	Total West	Pacific Northwest ²	Pacific Southwest ³	Rocky Mountains
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Softwoods:				
Douglas-fir	510,030	333,959	80,131	95,940
Ponderosa and Jeffrey pines	188,277	62,869	55,481	69,927
True fir	208,756	73,550	78,898	56,308
Western hemlock	195,902	192,080	206	3,616
Sugar pine	24,000	3,274	20,708	18
Western white pine	14,330	4,417	2,180	7,733
Redwood	30,504	583	29,921	.....
Sitka spruce	65,390	65,190	200	.....
Engelmann and other spruces	93,489	30,181	89	63,219
Western larch	34,388	12,386	.....	22,002
Incense cedar	24,204	10,596	13,589	19
Lodgepole pine	76,280	15,604	5,260	55,416
Other	53,412	38,173	2,526	12,713
Total	1,518,962	842,862	289,189	386,911
Hardwoods:				
Cottonwood and aspen	19,604	7,292	74	12,238
Red alder	26,500	26,100	400	.....
Oak	18,666	1,196	17,470	.....
Other	17,397	11,320	6,025	52
Total	82,167	45,908	23,969	12,290
All species	1,601,129	888,770	313,158	399,201

¹ International ¼-inch rule. Data may not add to totals because of rounding. ² Includes Alaska. Estimates of hardwood volume are not available for most National Forests in Oregon and Washington. ³ Includes Hawaii. Forest Service.

Table 648.—Timber volume: Net volume of sawtimber in the East, by regions and species, Jan. 1, 1987 ¹

Species	Total East	North				South		
		Total	Northeast	North Central	Great Plains	Total	Southeast	South Central
	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
Softwoods:								
Longleaf and slash pines	54,258					54,258	36,497	17,761
Loblolly and shortleaf pines.....	271,257	3,976	1,985	1,991		267,281	92,866	174,415
Other yellow pines	28,465	3,065	2,556	509		25,400	17,407	7,993
White and red pines	48,627	41,697	26,916	14,781		6,930	5,997	933
Jack pine.....	3,854			3,846	8			
Spruce and balsam fir.....	37,773	37,699	26,099	11,362	238	74	74	
Eastern hemlock.....	22,992	20,932	16,746	4,186		2,060	1,593	467
Cypress	22,112	157		157		21,955	13,778	8,177
Other.....	23,354	21,177	6,185	8,426	6,566	2,177	877	1,300
Total	512,692	132,557	80,487	45,258	6,812	380,135	169,089	211,046
Hardwoods:								
Select white oaks.....	71,577	31,501	10,461	20,371	669	40,076	18,273	21,803
Select red oaks.....	63,517	39,798	23,003	16,566	229	23,719	10,014	13,705
Other white oaks.....	47,075	13,806	9,585	4,182	39	33,269	15,553	17,716
Other red oaks.....	109,528	30,669	13,688	16,878	103	78,859	33,435	45,424
Hickory.....	40,616	12,751	4,956	7,680	115	27,865	9,432	18,433
Yellow birch.....	8,796	8,603	6,506	2,097		193	153	40
Hard maple.....	41,300	38,364	22,602	15,755	7	2,936	989	1,947
Soft maple.....	47,863	34,538	22,571	11,830	137	13,325	10,296	3,029
Beech.....	21,202	14,182	11,202	2,980		7,020	2,614	4,406
Sweetgum.....	39,571	1,556	1,141	415		38,015	18,563	19,452
Tupelo and black gum.....	30,960	1,243	967	276		29,717	20,098	9,619
Ash.....	26,142	16,104	7,814	7,837	453	10,038	4,288	5,750
Basswood.....	11,687	10,067	2,832	7,122	113	1,620	885	735
Yellow-poplar.....	52,949	12,611	8,462	4,149		40,338	28,136	12,202
Cottonwood and aspen.....	32,567	29,511	4,997	22,777	1,737	3,056	389	2,667
Black walnut.....	3,457	2,467	473	1,792	202	990	401	589
Black cherry.....	11,587	11,259	8,914	2,340	5	328	328	
Other.....	55,123	29,475	11,544	16,800	1,131	25,648	9,601	16,047
Total	715,517	338,505	171,718	161,847	4,940	377,012	183,448	193,564
All species	1,228,209	471,062	252,205	207,105	11,752	757,147	352,537	404,610

¹ International 1/4-inch rule. Data may not add to totals because of rounding.
Forest Service.

Table 649.—Measures of forest productivity for timber: Timberland area, timber growing-stock data, growth per acre, and forest productivity indexes, by species group and region, United States, 1952, 1962, 1970, 1977, and 1987

Year	Timberland area	Net annual growth		Annual removals		Total inventory		Annual growth per acre		Productivity indexes			
		Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Growth/inventory		Removals/inventory	
										Softwoods	Hardwoods	Softwoods	Hardwoods
	<i>Million acres</i>	<i>Billion cubic feet</i>	<i>Billion cubic feet</i>	<i>Billion cubic feet</i>	<i>Billion cubic feet</i>	<i>Billion cubic feet</i>	<i>Billion cubic feet</i>	<i>Cubic feet</i>	<i>Cubic feet</i>	<i>1977=100</i>	<i>1977=100</i>	<i>1977=100</i>	<i>1977=100</i>
All regions													
1952.....	508	7.7	6.2	7.8	4.1	430	180	15.2	12.2	67	96	83	140
1962.....	518	9.6	7.1	7.6	4.3	448	210	18.5	13.7	80	94	78	128
1970.....	505	11.3	8.5	9.4	4.7	458	234	22.4	16.8	93	101	94	125
1977.....	491	12.4	9.3	10.0	4.2	465	260	25.2	19.0	100	100	100	100
1987.....	481	12.7	9.6	11.9	5.2	449	303	26.5	20.0	106	88	122	106
North													
1952.....	154	1.0	2.7	.6	1.5	27	77	6.3	17.8	100	110	145	116
1962.....	156	1.2	3.2	.5	1.5	34	94	7.7	20.5	101	105	99	98
1970.....	154	1.3	3.6	.6	1.9	39	105	8.7	23.3	96	105	95	106
1977.....	152	1.6	3.8	.7	2.0	44	116	10.3	25.0	100	100	100	100
1987.....	153	1.3	4.2	.7	2.0	47	138	8.4	27.2	76	93	96	86
South													
1952.....	204	3.6	3.0	3.1	2.6	59	84	17.9	14.9	97	86	116	164
1962.....	212	4.7	3.4	2.8	2.7	73	95	22.2	16.0	100	85	85	160
1970.....	204	5.6	4.3	3.8	2.7	87	104	27.6	21.0	102	98	96	148
1977.....	200	6.3	5.0	4.5	2.1	99	119	31.6	25.1	100	100	100	100
1987.....	195	5.8	4.6	5.7	3.0	104	134	30.1	23.5	88	81	123	125
West													
1952.....	150	3.1	.4	4.0	.0	344	19	20.8	2.6	63	81	77	51
1962.....	150	3.7	.5	4.3	.1	341	22	24.6	3.3	75	87	82	74
1970.....	147	4.4	.6	5.0	.1	332	26	29.7	4.1	91	94	99	90
1977.....	139	4.6	.6	4.9	.1	322	25	33.2	4.5	100	100	100	100
1987.....	133	5.6	.9	5.4	.2	299	31	42.1	6.4	130	109	119	146

Forest Service.

Table 650.—Measures of forest productivity for timber: Timberland area, timber growing-stock data, growth per acre, and forest productivity indexes, by species group and ownership, United States, 1952, 1962, 1970, 1977, and 1987

Year	Timberland area	Net annual growth		Annual removals		Total inventory		Annual growth per acre		Productivity indexes			
		Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Growth/inventory		Removals/inventory	
										Softwoods	Hardwoods	Softwoods	Hardwoods
	Million acres	Billion cubic feet	Billion cubic feet	Billion cubic feet	Billion cubic feet	Billion cubic feet	Billion cubic feet	Cubic feet	Cubic feet	1977 = 100	1977 = 100	1977 = 100	1977 = 100
All owners													
1952.....	508	7.7	6.2	7.8	4.1	430	180	15.2	12.2	67	96	83	140
1962.....	518	9.6	7.1	7.6	4.3	448	210	18.5	13.7	80	94	78	128
1970.....	505	11.3	8.5	9.4	4.7	458	234	22.4	16.8	93	101	94	125
1977.....	491	12.4	9.3	10.0	4.2	465	260	25.2	19.0	100	100	100	100
1987.....	481	12.7	9.6	11.9	5.2	449	303	26.5	20.0	106	88	122	106
Forest industry													
1952.....	60	1.9	.7	2.8	.5	77	20	31.4	11.6	63	92	73	139
1962.....	62	2.3	.8	2.3	.7	76	25	37.8	13.5	79	88	62	142
1970.....	67	2.6	1.1	3.1	.6	75	29	39.0	15.8	90	98	85	122
1977.....	69	2.9	1.2	3.6	.6	74	32	41.7	17.5	100	100	100	100
1987.....	70	3.2	1.2	4.5	.9	72	35	45.7	16.3	115	88	127	135
Other private													
1952.....	296	3.5	4.6	3.5	3.3	93	130	11.7	15.5	78	96	130	140
1962.....	304	4.3	5.1	3.0	3.4	103	148	14.2	16.8	89	94	102	128
1970.....	288	5.2	6.1	3.3	3.7	114	163	18.2	21.2	97	101	102	126
1977.....	278	5.9	6.6	3.6	3.2	123	180	21.1	23.9	100	100	100	100
1987.....	275	5.5	6.9	4.3	3.9	135	213	19.9	25.0	85	88	111	102
National forests													
1952.....	95	1.7	.4	1.0	.1	204	13	17.6	4.2	69	96	53	143
1962.....	97	2.0	.5	1.7	.1	214	17	20.6	5.2	79	97	85	122
1970.....	95	2.4	.6	2.2	.2	212	19	24.9	6.0	94	98	106	140
1977.....	89	2.5	.7	2.0	.1	208	21	27.8	7.3	100	100	100	100
1987.....	85	2.7	.6	2.0	.2	186	24	31.5	7.3	121	81	114	112
Other public													
1952.....	58	.7	.5	.4	.1	55	16	12.6	8.5	67	97	52	107
1962.....	55	1.0	.6	.6	.2	56	21	17.3	11.4	86	99	69	89
1970.....	55	1.1	.7	.8	.2	58	24	20.0	13.4	97	101	89	106
1977.....	55	1.2	.8	.9	.2	59	27	21.2	14.9	100	100	100	100
1987.....	51	1.4	1.0	1.0	.2	56	31	27.1	19.0	123	100	122	90

Forest Service.

Table 651.—National Forest System: National Forest System lands and other lands in States and Territories, Sept. 30, 1991

State or other area	Gross acreage	National Forest System acreage ¹	Other acreage ²	State or other area	Gross acreage	National Forest System acreage ¹	Other acreage ²
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
AL.....	1,280	658	622	NH.....	825	720	105
AK.....	24,345	22,220	2,126	NM.....	10,367	9,321	1,046
AZ.....	11,880	11,239	642	NY.....	13	13	
AR.....	3,490	2,509	981	NC.....	3,165	1,232	1,934
CA.....	24,401	20,619	3,782	ND.....	1,106	1,106	(³)
CO.....	16,039	14,462	1,577	OH.....	833	203	630
CT.....	(³)	(³)		OK.....	461	297	165
FL.....	1,246	1,128	118	OR.....	17,502	15,651	1,851
GA.....	1,846	859	987	PA.....	744	513	231
HI.....	(³)	(³)		SC.....	1,376	607	768
ID.....	21,674	20,438	1,236	SD.....	2,344	1,996	349
IL.....	840	266	573	TN.....	1,212	628	585
IN.....	644	188	456	TX.....	1,994	753	1,241
KS.....	116	108	8	UT.....	9,186	8,099	1,087
KY.....	2,102	670	1,431	VT.....	815	340	475
LA.....	1,022	601	422	VA.....	3,223	1,645	1,578
ME.....	93	53	40	WA.....	10,050	9,151	899
MI.....	4,885	2,816	2,069	WV.....	1,863	1,025	838
MN.....	5,467	2,810	2,657	WI.....	2,023	1,517	506
MS.....	2,310	1,150	1,160	WY.....	9,704	9,255	449
MO.....	3,082	1,475	1,606	PR.....	56	28	28
MT.....	19,101	16,806	2,295	VI.....	(³)	(³)	
NE.....	442	352	90	Total.....	231,443	191,324	40,119
NV.....	6,275	5,797	478				

¹ *National Forest System acreage*.—A nationally significant system of Federally owned units of forest, range, and related land consisting of national forests, purchase units, national grasslands, land utilization project areas, experimental forest areas, experimental range areas, designated experimental areas, other land areas, water areas, and interests in lands that are administered by USDA Forest Service or designated for administration through the Forest Service.

National forests.—Units formally established and permanently set aside and reserved for national forest purposes. Purchase units.—Units designated by the Secretary of Agriculture or previously approved by the National Forest Reservation Commission for purposes of Weeks Law Acquisition.

National grasslands.—Units designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act.

Land utilization projects.—Units designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Units reserved and dedicated by the Secretary of Agriculture for forest or range research and experimentation.

Other areas.—Units administered by the Forest Service that are not included in the above groups. ² *Other acreage*.—Lands within the unit boundaries in private, State, county, and municipal ownership and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States. ³ Less than 500 acres.

Forest Service.

Table 652.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1977–91

Year ¹	Timber cut ²		Value of miscellaneous forest products ⁴	Total value including free-use timber	Year ¹	Timber cut ²		Value of miscellaneous forest products ⁴	Total value including free-use timber
	Volume	Value ³				Volume	Value ³		
	Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars		Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars
1977.....	10,482	732,547	1,002	735,949	1985.....	10,941	720,636	1,703	724,505
1978.....	10,080	854,682	1,174	858,474	1986.....	11,786	786,906	1,592	789,878
1979.....	10,377	968,033	1,149	973,018	1987.....	12,712	1,015,995	1,905	1,018,977
1980.....	9,178	729,829	1,064	736,641	1988.....	12,649	1,239,788	2,031	1,242,958
1981.....	8,096	720,922	1,627	728,919	1989.....	11,951	1,309,732	2,239	1,313,186
1982.....	6,747	339,215	2,020	348,708	1990.....	10,500	1,187,618	2,580	1,191,209
1983.....	9,244	649,652	1,728	655,874	1991.....	8,475	1,008,586	2,747	1,012,342
1984.....	10,549	759,577	1,669	763,889					

¹ Fiscal years Oct. 1–Sept. 30. ² Commercial and cost sales and land exchanges. ³ Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930. ⁴ Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

Forest Service.—

Table 653.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1977-91

Year ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ²	Year ¹	From the use of timber ²	From the use of grazing	From special land uses, water power, etc.	Total ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1977	652,050	11,443	28,076	691,569	1985	514,560	9,040	112,347	635,947
1978	723,330	11,037	30,989	765,356	1986	745,132	8,617	78,025	831,774
1979	827,633	12,520	40,885	881,038	1987	807,941	8,104	82,348	898,393
1980	625,407	15,849	61,619	702,875	1988	888,374	8,738	83,050	980,162
1981	581,441	14,890	84,403	680,734	1989	909,517	10,950	130,349	1,050,816
1982	251,021	12,426	86,777	350,224	1990	849,468	10,419	111,500	971,387
1983	398,499	10,182	86,627	485,308	1991 ³	667,073	11,457	93,114	771,644
1984	544,265	9,617	83,467	637,349					

¹ Fiscal years Oct. 1-Sept. 30.² Includes receipts from Oregon and California Railroad Grant Lands.³ Preliminary.

Forest Service.

Table 654.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years ¹ 1990-92 ²

State or other areas	1990	1991	1992	State or other areas	1990	1991	1992
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
AL	1,604	1,553	1,436	NM	2,365	1,897	1,364
AK	5,106	9,057	9,299	NY	19	10	9
AZ	7,187	5,967	5,002	NC	833	755	615
AR	8,331	7,913	4,367	ND	(³)	(³)	(³)
CA	66,992	64,161	56,045	OH	172	134	151
CO	3,457	3,664	4,105	OK	1,201	1,142	487
FL	2,326	1,854	1,257	OR	164,155	149,672	141,177
GA	866	908	1,083	PA	3,688	3,618	4,166
ID	12,330	14,506	14,106	SC	2,332	3,411	1,145
IL	38	68	57	SD	1,697	1,843	2,205
IN	79	22	25	TN	437	484	400
KY	397	459	635	TX	2,015	2,352	2,392
LA	2,650	3,479	2,812	UT	1,323	1,540	1,495
ME	37	35	35	VT	178	174	155
MI	2,057	1,777	1,701	VA	425	460	525
MN	724	868	807	WA	47,202	36,804	40,809
MS	4,466	6,385	6,090	WV	801	880	1,057
MO	2,632	2,585	2,000	WI	767	697	782
MT	7,582	11,150	9,009	WY	1,491	1,601	1,805
NE	41	40	41	PR	15	23	5
NV	380	334	352	Total	360,933	344,788	321,527
NH	535	506	517				

¹ Fiscal years Oct. 1-Sept. 30.² Payments under the acts of May 23, 1908 (as amended), July 24, 1956, and Oct. 22, 1976, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts. Payments made in the following year.³ Less than \$500.

Forest Service.

Table 655.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1977-91

Year	Number grazed ^{1 2}		Receipts from grazing ³	Year	Number grazed ^{1 2}		Receipts from grazing ³
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	Thousands	Thousands	1,000 dollars		Thousands	Thousands	1,000 dollars
1977	1,587	1,478	11,443	1985	1,565	1,183	9,040
1978	1,557	1,284	11,037	1986	1,491	1,168	8,617
1979	1,540	1,251	12,520	1987	1,410	1,134	8,104
1980	1,521	1,328	15,849	1988	1,313	1,067	8,738
1981	1,535	1,341	14,890	1989	1,526	972	10,950
1982	1,562	1,340	12,426	1990	1,236	958	10,419
1983	1,609	1,242	10,182	1991	(*)	(*)	11,457
1984	1,521	1,129	9,617				

¹ Data are for number actually grazed.² Fiscal years Oct. 1-Sept. 30, 1977-87; calendar years 1988-91.³ Fiscal years Oct. 1-Sept. 30. ⁴ Data not available.

Forest Service.

Table 656.—Livestock on National Forest System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1990, by States

State or other area	Number grazed ¹		Receipts from grazing	State or other area	Number grazed ¹		Receipts from grazing
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	Number	Number	Dollars		Number	Number	Dollars
AL	261		917	ND	44,593	280	357,131
AZ	87,430	25,649	1,550,137	OH	434		1,868
AR	1,317		28,878	OK	3,466	1,013	19,786
CA	89,004	49,786	622,613	OR	95,817	33,615	² 641,785
CO	174,872	219,844	1,096,215	SD	68,692	3,167	602,049
FL	2,045		15,997	TX	6,553		94,897
GA			7,186	UT	78,742	214,414	756,839
ID	82,853	172,643	946,263	VT	58		24
IL	1,897	1,371	489	VA	1,186		7,429
KS	5,172		15,350	WA	37,911	14,020	158,455
KY	30		389	WV	1,480	141	20,232
LA	1,624		18,985	WY	121,598	146,125	880,185
MI	344		211	National forests	1,041,516	947,887	9,137,728
MN	36		379				
MS	788		4,578	National grasslands and land utilization project land	164,010	26,582	1,281,037
MO	4,948		25,359				
MT	131,799	27,971	787,740	Total	1,205,526	974,469	10,418,765
NE	18,956		153,926				
NV	50,629	52,138	434,378				
NM	89,397	12,292	1,157,797				
NY	1,594		10,295				

¹ Calendar year 1990.² Includes receipts from Oregon and California Railroad Grant Lands.

Forest Service.

Table 657.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1977-91

Year	Douglas-fir ¹	Southern pine ²	Ponderosa pine ³	Western hemlock ⁴	All eastern hardwoods ⁵	Oak, white, red, and black ⁶	Maple, sugar ⁶
	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.
1977.....	225.90	100.30	131.40	89.30	37.90	60.00	47.40
1978.....	250.30	134.50	164.70	113.60	41.10	59.20	60.50
1979.....	394.40	155.20	239.00	200.80	46.80	68.80	68.90
1980.....	432.20	155.40	206.10	212.70	52.40	65.60	70.10
1981.....	350.20	172.00	195.20	163.40	50.90	63.20	67.80
1982.....	118.20	127.20	66.90	44.50	56.40	70.80	71.10
1983.....	161.60	140.60	104.00	62.20	60.10	87.90	55.10
1984.....	132.90	139.40	122.70	61.80	90.10	145.00	80.50
1985.....	126.20	90.70	101.40	50.50	65.40	94.50	70.00
1986.....	160.70	103.60	156.60	74.70	69.90	108.10	66.20
1987.....	190.20	135.70	209.30	105.40	88.10	146.80	80.50
1988.....	256.00	141.90	182.10	162.90	151.30	146.30	108.40
1989.....	389.80	131.40	292.00	223.30	135.80	178.90	128.60
1990.....	466.40	126.70	252.20	203.00	146.10	188.30	135.30
1991.....	395.00	166.10	237.60	164.10	160.10	163.60	120.70

¹ Western Washington and western Oregon. ² Southern region. ³ Pacific Southwest region. Includes Jeffrey pine. Prior to 1979, California region. ⁴ Pacific Northwest region. ⁵ Eastern and Southern regions. ⁶ Eastern region.

Forest Service. Forest Service National Forest prices in this table are for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International ¼-inch log rule is used. Prices include KV payments; exclude timber sold by land exchanges and from land utilization project lands. Data for the years 1977-83 are statistical high bid prices; beginning in 1984, data are high bid prices which include specified road costs.

Table 658.—National Forest System lands: Number of visitor-days, ¹ 1983-91, by activity and States, and Puerto Rico, 1991

Year and activity	Visitor-days	Percent	1991			
			State or other area	Visitor-days	State or other area	Visitor-days
	Thousands			Thousands		Thousands
1983.....	227,708		AL.....	677	NM.....	8,065
1984.....	227,554		AK.....	5,718	NY.....	45
1985.....	225,407		AZ.....	21,549	NC.....	5,692
1986.....	226,533		AR.....	2,109	ND.....	199
1987.....	238,458		CA.....	65,221	OH.....	522
1988.....	242,316		CO.....	25,998	OK.....	373
1989.....	252,495		CT.....	3,081	OR.....	21,037
1990.....	263,051		GA.....	2,839	PA.....	2,977
1991 activity:			ID.....	12,909	SC.....	943
Mechanized travel and viewing scenery.....	95,940	34.4	IL.....	843	SD.....	3,095
Camping, picnicking and swimming.....	76,615	27.5	IN.....	594	TN.....	2,924
Hiking, horseback riding and water travel.....	25,828	9.3	KS.....	66	TX.....	2,253
Winter sports.....	17,852	6.4	KY.....	2,112	UT.....	13,337
Hunting.....	16,284	5.8	LA.....	486	VT.....	1,571
Resorts, cabins and organization camps.....	16,249	5.8	MA.....	61	VA.....	4,173
Fishing.....	15,322	5.5	MI.....	8,153	WA.....	22,458
Nature studies.....	2,246	.8	MN.....	4,956	WV.....	1,340
Other ²	12,514	4.5	MS.....	1,285	WI.....	2,215
			MO.....	1,742	WY.....	6,914
			MT.....	10,595	PR.....	280
			NE.....	147		
Total ³	278,849	100.0	NV.....	3,283	Total ³	278,849
			NH.....	4,014		

¹ Recreational use of national forest land and water that aggregates 12 visitor-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Fiscal years Oct. 1-Sept. 30. ² Includes team sports, gathering forest products, attending talks and programs, and other uses. ³ Data may not add to total because of rounding.

Forest Service.

Table 659.—Timber products: Production, imports, exports, and consumption, United States, 1975-88 ¹

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Production	Imports	Exports	Consumption	Production	Imports	Exports	Consumption	Production	Imports ²	Exports ²	Consumption
	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³
1975.....	4,890	930	255	5,565	1,165	170	70	1,265	3,485	1,105	715	3,875
1976.....	5,585	1,290	290	6,585	1,355	215	65	1,500	3,805	1,320	710	4,415
1977.....	5,950	1,675	260	7,365	1,425	210	35	1,600	3,645	1,395	725	4,320
1978.....	6,155	1,910	275	7,790	1,460	230	40	1,650	3,745	1,595	720	4,625
1979.....	6,115	1,800	340	7,580	1,370	195	45	1,520	4,110	1,635	805	4,935
1980.....	5,300	1,540	395	6,450	1,175	120	45	1,250	4,390	1,565	1,070	4,885
1981.....	4,780	1,490	380	5,885	1,180	140	70	1,250	4,125	1,515	995	4,645
1982.....	4,635	1,460	320	5,780	1,135	115	50	1,200	3,980	1,415	900	4,495
1983.....	5,370	1,915	360	6,925	1,365	160	65	1,460	4,165	1,605	965	4,805
1984.....	5,770	2,130	340	7,560	1,400	145	45	1,500	4,355	1,860	930	5,290
1985.....	5,665	2,345	305	7,700	1,420	165	40	1,550	4,165	1,810	920	5,055
1986.....	6,545	2,285	385	8,445	1,505	185	65	1,625	4,545	1,895	1,080	5,360
1987.....	6,990	2,380	510	8,860	1,650	190	80	1,760	4,670	1,985	1,195	5,465
1988 ⁴	6,920	2,225	720	8,425	1,630	165	100	1,695	4,885	2,045	1,345	5,585

Year	Industrial roundwood used for—Continued								Fuel-wood production and consumption	Production, all products	Consumption, all products
	Other industrial products, ⁴ production and consumption	Logs		Pulp-wood chip exports	Total						
		Imports	Exports		Production	Imports	Exports	Consumption			
	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³	Mil-lion cu. ft. ³
1975.....	385	15	455	195	10,575	2,215	1,685	11,105	570	11,145	11,675
1976.....	375	15	555	245	11,920	2,840	1,870	12,895	600	12,525	13,495
1977.....	385	30	525	250	12,185	3,310	1,800	13,700	1,000	13,185	14,700
1978.....	395	20	585	225	12,565	3,755	1,845	14,480	1,525	14,090	16,005
1979.....	405	25	670	280	12,950	3,655	2,135	14,465	2,205	15,155	16,670
1980.....	415	25	560	275	12,120	3,250	2,350	13,020	3,105	15,225	16,125
1981.....	425	20	425	220	11,150	3,165	2,090	12,225	3,180	14,330	15,405
1982.....	435	20	550	175	10,910	3,015	1,995	11,930	3,355	14,265	15,285
1983.....	445	30	565	155	12,065	3,710	2,110	13,665	3,235	15,300	16,900
1984.....	455	30	600	145	12,725	4,165	2,060	14,830	3,620	16,345	18,450
1985.....	465	20	655	145	12,515	4,340	2,070	14,785	3,450	15,965	18,235
1986.....	475	15	620	150	13,845	4,375	2,300	15,920	3,115	16,960	19,030
1987.....	495	15	705	160	14,670	4,575	2,650	16,595	3,150	17,820	19,745
1988 ⁵	510	15	825	215	14,985	4,445	3,200	16,230	3,360	18,345	19,590

¹ Data may not add to totals because of rounding. ² Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board. ³ Roundwood equivalent. ⁴ Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

⁵ Preliminary.

Forest Service.

Table 660.—Lumber: Production, United States, 1977-91

Year	Total	Soft-woods	Hard-woods	Year	Total	Soft-woods	Hard-woods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>		<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
1977	40,054	31,737	8,317	1985	40,187	31,321	8,866
1978	40,785	32,057	8,728	1986	45,297	35,273	10,024
1979	40,501	31,432	9,069	1987	49,395	38,235	11,160
1980	35,106	26,246	8,860	1988	49,576	38,130	11,446
1981	31,823	24,676	7,147	1989	48,533	37,545	10,988
1982	31,455	23,787	7,668	1990	46,495	35,791	10,704
1983	38,282	29,726	8,556	1991 ¹	44,066	33,853	10,213
1984	41,039	31,174	9,865				

¹ Preliminary.

Forest Service, from data published by the National Forest Products Association.

Table 661.—Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1977-91

Year	Pulpwood consumption ¹	Woodpulp production ²	Paper and board ³		
			Production	Consumption or new supply ⁴	Per capita consumption
	<i>1,000 cords ⁵</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1977	73,935	47,979	60,485	64,940	590
1978	74,170	48,320	61,917	68,045	611
1979	77,594	50,835	64,023	69,940	621
1980	79,703	52,229	63,865	67,969	597
1981	79,350	53,397	64,582	68,793	598
1982	77,573	50,879	60,951	65,198	582
1983	83,493	53,503	66,748	71,598	611
1984	86,948	56,520	70,248	77,285	654
1985	84,840	54,357	68,683	76,341	640
1986	91,083	57,802	72,505	79,891	664
1987	92,386	60,240	75,949	83,805	690
1988	95,263	61,760	78,085	85,936	701
1989	96,067	61,998	78,356	* 85,634	693
1990	99,109	63,050	80,344	* 87,324	699
1991 ⁷	98,242	63,818	81,064	* 85,797	679

¹ Includes changes in stocks.² Excludes defibrated and exploded woodpulp used for hard pressed board.³ Excludes hardboard.⁴ Production plus imports and minus exports (excludes products); changes in inventories not taken into account.⁵ One cord equals 128 cubic feet.⁶ Imports and exports 1989-1991 exclude insulating board.⁷ Preliminary.

Forest Service. Compiled from U.S. Department of Commerce and American Paper Institute publications.

Table 662.—Timber products: Producer price indexes, selected products, United States, 1977-91

[1982=100]

Year	Lumber	Softwood plywood	Wood-pulp	Paper	Paper-board	Year	Lumber	Softwood plywood	Wood-pulp	Paper	Paper-board
1977	89.0	104.9	74.2	67.8	69.1	1984	112.5	107.6	104.8	105.8	110.4
1978	103.7	115.7	70.3	72.0	70.5	1985	109.6	107.4	91.4	106.0	107.7
1979	114.0	114.2	82.9	80.2	79.3	1986	110.5	109.4	94.7	107.0	106.6
1980	104.9	109.5	100.3	89.7	92.0	1987	118.2	109.8	111.5	111.5	118.1
1981	104.6	108.7	104.8	97.7	101.2	1988	122.1	109.1	136.7	123.2	133.2
1982	100.0	100.0	100.0	100.0	100.0	1989	125.7	124.2	157.4	129.6	140.1
1983	113.5	110.0	91.5	98.5	98.4	1990	124.6	119.6	151.3	128.8	135.7
						1991	124.9	120.8	119.2	126.9	130.2

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

CHAPTER XIII

CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities for food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income.

Table 663.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1977-92 *

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1977.....	217.0	218.1	1985.....	235.3	236.2
1978.....	219.4	220.5	1986.....	237.4	238.4
1979.....	221.8	223.0	1987.....	239.6	240.6
1980.....	224.4	225.6	1988.....	241.8	242.9
1981.....	226.8	227.8	1989.....	244.1	245.1
1982.....	229.0	230.0	1990.....	246.5	247.8
1983.....	231.1	232.1	1991.....	249.3	250.6
1984.....	233.2	234.1	1992.....	252.1	253.5

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

* These are the first estimates to reflect the census of April 1, 1990, and are subject to change.

Table 664.—Macronutrients: Quantities available for consumption per capita per day, United States, 1968–88 ¹

Year	Food energy	Protein	Fat				Cholesterol	Carbohydrate
			Total fat	Saturated	Monoun-saturated	Polyun-saturated		
	<i>Kilocalories</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Milligrams</i>	<i>Grams</i>
1968.....	3,300	98	158	63	64	24	500	379
1969.....	3,300	98	157	62	64	25	490	382
1970.....	3,300	99	159	61	66	27	490	382
1971.....	3,300	100	161	62	66	27	500	384
1972.....	3,300	99	160	61	66	28	490	382
1973.....	3,300	97	155	58	63	28	460	387
1974.....	3,300	98	157	59	64	28	470	379
1975.....	3,300	97	153	56	63	27	450	383
1976.....	3,400	101	159	58	64	30	460	395
1977.....	3,300	100	156	58	62	29	450	392
1978.....	3,300	99	157	58	63	30	450	387
1979.....	3,400	100	160	59	64	31	460	397
1980.....	3,400	99	161	60	64	31	450	401
1981.....	3,400	98	161	59	65	31	450	390
1982.....	3,400	98	160	58	64	31	440	392
1983.....	3,400	100	165	60	66	32	450	396
1984.....	3,400	100	163	60	66	30	450	399
1985.....	3,600	103	171	62	69	33	450	411
1986.....	3,600	103	169	61	67	34	440	416
1987.....	3,600	104	167	60	66	34	440	423
1988.....	3,600	105	168	60	67	34	440	425

See footnote at end of table.

Table 664.—Vitamins: Quantities available for consumption per capita per day, United States, 1968–88 ¹—Continued

Year	Vitamins									
	Vitamin A	Carotenes	Vitamin E	Vitamin C	Thiamin	Riboflavin	Niacin	Vitamin B ₆	Folate	Vitamin B ₁₂
	<i>Retinol equivalent</i>	<i>Retinol equivalent</i>	<i>Milligrams alpha-te</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>
1968	1,430	470	12.7	100	2.0	2.3	22	2.0	270	10.2
1969	1,420	450	13.0	100	2.0	2.3	22	2.0	270	10.3
1970	1,500	500	13.7	105	2.0	2.3	23	2.1	275	10.4
1971	1,510	510	13.4	107	2.0	2.3	23	2.1	277	10.4
1972	1,530	550	13.8	107	2.0	2.3	23	2.1	273	10.3
1973	1,510	570	14.3	106	1.9	2.2	22	2.0	280	9.8
1974	1,560	600	14.1	107	2.0	2.3	23	2.0	270	10.1
1975	1,560	620	14.3	112	2.0	2.3	23	2.0	280	10.0
1976	1,580	620	14.8	112	2.1	2.4	25	2.1	281	10.3
1977	1,520	570	14.2	112	2.1	2.4	24	2.1	280	10.2
1978	1,500	580	14.6	108	2.1	2.3	24	2.0	267	9.8
1979	1,550	620	14.7	110	2.2	2.4	24	2.1	278	9.5
1980	1,540	620	14.6	113	2.2	2.4	24	2.1	270	9.4
1981	1,540	630	14.8	110	2.1	2.3	24	2.0	269	9.5
1982	1,520	630	15.0	110	2.1	2.3	24	2.0	275	9.1
1983	1,520	620	15.3	115	2.2	2.3	24	2.1	279	9.3
1984	1,560	660	14.9	112	2.2	2.4	25	2.1	271	9.4
1985	1,530	650	16.1	113	2.2	2.4	25	2.1	282	9.4
1986	1,630	740	16.2	118	2.2	2.4	25	2.2	286	9.1
1987	1,730	840	16.2	116	2.2	2.4	26	2.2	280	9.1
1988	1,630	770	16.7	118	2.2	2.4	26	2.2	284	9.1

See footnote at end of table.

Table 664.—Minerals: Quantities available for consumption per capita per day, United States, 1968-88 ¹—Continued

Year	Minerals						
	Calcium	Phosphorus	Magnesium	Iron	Zinc	Copper	Potassium
	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>	<i>Milligrams</i>
1968.....	850	1,470	320	14.7	12.5	1.6	3,420
1969.....	840	1,460	310	14.7	12.4	1.5	3,380
1970.....	850	1,480	320	15.0	12.5	1.5	3,420
1971.....	860	1,490	320	15.0	12.6	1.5	3,420
1972.....	850	1,480	320	14.9	12.6	1.5	3,400
1973.....	860	1,470	320	14.9	12.2	1.6	3,380
1974.....	840	1,450	310	14.8	12.3	1.5	3,320
1975.....	840	1,450	310	15.0	12.3	1.6	3,380
1976.....	860	1,490	320	15.3	12.8	1.6	3,440
1977.....	850	1,470	310	15.1	12.6	1.6	3,360
1978.....	850	1,460	310	14.8	12.3	1.5	3,300
1979.....	860	1,480	320	15.0	12.3	1.6	3,380
1980.....	840	1,460	310	14.9	12.2	1.5	3,340
1981.....	830	1,450	310	14.9	12.2	1.5	3,290
1982.....	840	1,450	310	15.0	12.2	1.6	3,300
1983.....	850	1,470	320	16.4	12.3	1.6	3,360
1984.....	870	1,490	320	16.5	12.4	1.6	3,380
1985.....	890	1,520	330	16.9	12.6	1.6	3,430
1986.....	900	1,530	330	16.9	12.7	1.7	3,490
1987.....	900	1,540	330	17.0	12.6	1.7	3,460
1988.....	890	1,540	330	17.1	12.7	1.7	3,480

¹ Computed by Human Nutrition Information Service (HNIS), USDA. Based on Economic Research Service estimates of per capita quantities of food available for consumption (retail weight) and on HNIS estimates of quantities of produce from home gardens and certain other foods. No deduction is made in food supply estimates for loss of food or nutrients in further processing, in marketing, or in the home. Data include iron, thiamin, riboflavin, niacin, vitamin A, vitamin B₆, vitamin B₁₂ and ascorbic acid added by enrichment and fortification.

Human Nutrition Information Service.

Table 665.—Food nutrients: Percentage of total contributed by major food groups, 1978 ¹

Nutrient and period	Meat, poultry, fish	Dairy ³ products	Eggs	Fats, ⁴ oils	Fruits			Vegetables				Legumes, nuts, soy	Grain products	Sugars, sweeteners	Miscellaneous ⁵	Total ⁶
					Citrus	Non-citrus	Total ⁶	White potatoes	Dark green, deep yellow	Other	Total ⁶					
1978	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Food energy	20.7	10.1	1.7	18.2	1.0	1.9	2.9	2.6	0.4	2.0	5.0	2.8	19.6	18.1	1.0	100
Protein	44.0	19.9	4.8	2	.5	.6	1.2	2.3	.4	2.6	5.3	4.9	18.6	(²)	1.0	100
Total fat	35.2	11.9	2.4	43.4	.1	.4	.4	.1	(²)	.3	.4	3.5	1.3	0	1.5	100
Saturated fat	43.3	19.8	2.0	30.2	(²)	.2	.2	.1	(²)	.1	.2	1.8	.6	0	2.0	100
Monounsaturated fat	39.2	8.3	2.3	43.9	(²)	.4	.4	(²)	(²)	.1	.1	4.0	.4	0	1.3	100
Polyunsaturated fat	18.3	2.1	1.7	67.1	.1	.3	.4	.2	.1	.7	1.0	5.5	3.1	0	.7	100
Cholesterol	45.4	14.5	35.5	4.6	0	0	0	0	0	0	0	0	0	0	0	100
Carbohydrate .....	.1	5.9	.1	(²)	2.0	4.1	6.1	5.1	.7	3.8	9.6	1.8	35.3	40.2	.8	100
Vitamin A (retinol equivalents)	26.1	16.4	4.8	12.8	.6	2.3	2.9	0	27.1	5.4	32.5	(²)	.3	0	4.3	100
Carotene	0	2.6	0	2.9	1.5	5.9	7.4	0	70.8	14.0	84.7	.1	.7	0	1.6	100
Vitamin E	6.5	3.3	2.3	65.1	.7	2.8	3.5	.5	2.5	5.5	8.5	5.9	4.3	(²)	.6	100
Vitamin C	2.3	3.3	0	0	27.1	14.2	41.3	16.1	9.5	23.0	48.5	(²)	0	(²)	4.5	100
Thiamin	25.4	8.3	1.1	(²)	2.7	1.9	4.6	5.1	1.0	5.3	11.3	5.9	42.8	(²)	.6	100
Riboflavin	23.6	33.5	8.2	.1	.7	1.8	2.6	1.2	1.0	3.7	5.9	1.7	23.1	.2	1.1	100
Niacin	45.1	1.8	.1	(²)	.7	1.6	2.4	6.4	.8	4.7	11.9	5.0	30.2	(²)	3.5	100
Vitamin B ₆	42.0	11.0	2.6	(²)	1.8	7.6	9.4	12.2	2.2	7.6	22.0	3.7	8.7	(²)	.7	100
Folate	10.8	9.1	6.6	.1	8.4	3.1	11.5	4.8	3.6	19.4	27.9	18.8	13.2	0	2.0	100
Vitamin B ₁₂	77.0	17.5	3.8	.1	0	0	0	0	0	0	0	0	1.5	0	0	100
Calcium	3.8	76.1	2.2	.2	1.3	1.2	2.5	1.0	1.1	4.6	6.7	2.9	3.6	.2	1.9	100
Phosphorus	29.8	35.1	4.6	.1	.7	1.0	1.7	3.0	.7	4.1	7.8	5.6	13.1	.1	2.1	100
Magnesium	15.7	20.2	1.2	(²)	2.5	4.1	6.6	6.2	1.7	8.6	16.6	11.9	17.4	.3	10.1	100
Iron	26.5	2.6	3.7	.1	.7	2.4	3.1	5.0	1.6	8.1	14.7	6.6	35.7	2.4	4.6	100
Zinc	50.8	18.2	3.4	.1	.4	.9	1.3	2.9	.6	3.7	7.2	4.6	12.2	.2	2.1	100
Copper	19.6	3.9	.3	.1	2.2	5.0	7.1	11.0	1.7	9.9	22.6	17.8	18.5	2.5	7.7	100
Potassium	19.8	21.4	1.4	(²)	4.0	6.2	10.2	13.5	2.2	11.8	27.5	5.8	6.6	.4	6.9	100

¹ Percentages for food groups are based on aggregate nutrient data for table 669.
chocolate liquor equivalent of cocoa beans, and fortification not assigned to a specific group.

Human Nutrition Information Service.

² Less than 0.5 percent.

³ Excludes butter.

⁴ Includes butter.

⁵ Components may not add to total due to rounding.

⁶ Coffee, tea, spices,

Table 666.—Food nutrients: Percentage of total contributed by major food groups, 1988 ¹

Nutrient and period	Meat, poultry, fish	Dairy products ²	Eggs	Fats, oils ³	Fruits		Vegetables					Legumes, nuts, soy	Grain products	Sugars, sweeteners	Miscellaneous ⁵	Total ⁴
					Citrus	Non-citrus	Total ⁴	White potatoes	Dark-green, deep-yellow	Other	Total ⁴					
1988	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Food energy	18.8	9.6	1.4	19.3	1.0	2.2	3.2	2.6	0.4	1.8	4.8	3.0	21.1	17.7	1.1	100
Protein	43.3	19.5	4.0	.2	.6	.7	1.3	2.3	.5	2.5	5.3	5.2	20.1	(⁶)	1.2	100
Total fat	31.7	11.7	2.0	46.5	(⁶)	.4	.5	.1	.1	.3	.4	3.9	1.4	0	1.9	100
Saturated fat	39.9	20.2	1.8	32.4	(⁶)	.2	.3	.1	(⁶)	.1	.2	2.0	.6	0	2.7	100
Monounsaturated fat	35.1	8.2	1.9	47.5	(⁶)	.4	.4	(⁶)	(⁶)	.1	.1	4.6	.5	0	1.7	100
Polyunsaturated fat	17.2	1.9	1.3	68.7	.1	.4	.4	.2	.1	.6	.9	5.7	3.0	0	.8	100
Cholesterol	47.1	15.2	32.8	4.8	0	0	0	0	0	0	0	0	0	0	0	100
Carbohydrate .....	.1	5.3	.1	(⁶)	2.0	4.5	6.5	4.9	.8	3.4	9.1	1.9	37.5	38.6	.8	100
Vitamin A (retinol equivalents)	20.6	15.8	4.0	11.1	.6	2.1	2.7	0	36.5	5.1	41.6	(⁶)	.3	0	4.0	100
Carotene	0	2.0	0	2.1	1.2	4.5	5.7	0	77.5	10.8	88.3	.1	.6	0	1.4	100
Vitamin E	5.9	3.0	1.8	66.9	.6	2.8	3.5	.4	2.3	4.8	7.5	6.4	4.2	(⁶)	.7	100
Vitamin C	2.2	2.8	0	0	27.3	14.9	42.2	15.8	11.3	21.3	48.4	.1	0	(⁶)	4.3	100
Thiamin	25.0	7.5	.9	(⁶)	2.8	2.2	5.0	5.0	1.3	5.0	11.3	6.2	43.3	(⁶)	.7	100
Riboflavin	22.2	32.6	7.2	.1	.8	2.2	3.0	1.3	1.3	3.8	6.4	1.9	24.7	.7	1.3	100
Niacin	44.8	1.6	.1	(⁶)	.7	1.8	2.4	6.3	1.0	4.6	11.8	5.3	30.8	(⁶)	3.1	100
Vitamin B ₆	40.5	10.2	2.2	(⁶)	1.8	8.6	10.4	12.2	2.7	7.5	22.4	3.9	9.4	(⁶)	.9	100
Folate	9.8	8.3	5.6	.1	9.5	3.5	13.0	4.9	4.4	18.0	27.3	19.8	14.2	0	2.0	100
Vitamin B ₁₂	76.1	18.5	3.7	.1	0	0	0	0	0	0	0	0	1.6	0	0	100
Calcium	3.9	75.1	1.9	.1	1.4	1.3	2.7	.9	1.4	4.4	6.8	3.1	4.1	.3	2.1	100
Phosphorus	29.2	34.3	3.9	.1	.8	1.1	1.9	3.1	.9	3.9	7.9	6.1	14.1	.1	2.5	100
Magnesium	15.4	18.5	1.0	(⁶)	2.4	4.5	6.9	6.2	2.1	7.9	16.1	12.7	18.5	.2	10.5	100
Iron	22.1	2.4	2.9	.1	.6	2.4	3.1	4.7	1.7	6.9	13.3	6.5	42.7	2.3	4.8	100
Zinc	47.2	18.7	2.9	.1	.4	1.0	1.4	3.0	.7	3.5	7.3	5.2	14.0	.7	2.6	100
Copper	17.5	3.6	.3	.1	2.1	5.4	7.5	11.1	1.7	9.2	21.9	17.6	19.6	3.2	8.8	100
Potassium	19.3	19.7	1.2	(⁶)	4.2	7.1	11.3	13.9	2.9	11.5	28.4	6.2	7.1	.3	6.4	100

¹ Percentages for food groups are based on aggregate nutrient data for table 669.

² Excludes butter.

³ Includes butter.

⁴ Components may not add to total due to rounding.

⁵ Coffee, tea, spices, chocolate liquor equivalent of cocoa beans, and fortification not assigned to a specific food group.

⁶ Less than 0.5 percent.

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Table 667.—Per capita consumption of major food commodities, United States, 1983-91 ¹

Commodity	1983	1984	1985	1986	1987	1988	1989	1990	1991 ²
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Red meats ^{3 4 5}	123.9	123.7	124.9	122.2	117.4	119.5	115.9	112.4	112.0
Beef.....	74.1	73.8	74.6	74.4	69.5	68.6	65.4	63.9	63.1
Veal.....	1.4	1.5	1.5	1.6	1.3	1.1	1.0	.9	.8
Lamb and mutton.....	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1
Pork.....	47.4	47.2	47.7	45.2	45.6	48.8	48.4	46.4	47.0
Fish ³	13.3	14.1	15.0	15.4	16.1	15.1	15.6	15.0	14.8
Canned.....	4.7	4.9	5.0	5.4	5.2	4.9	5.1	5.1	4.9
Fresh and frozen.....	8.3	8.9	9.7	9.7	10.6	10.0	10.2	9.6	9.6
Cured.....	.3	.3	.3	.3	.3	.3	.3	.3	.3
Poultry ^{3 4 5}	42.6	43.7	45.2	47.1	50.7	51.7	53.6	55.9	58.1
Chicken.....	33.9	35.0	36.1	37.0	39.1	39.3	40.5	42.1	43.9
Turkey.....	8.7	8.7	9.1	10.2	11.6	12.4	13.1	13.8	14.2
Eggs ⁴	33.0	33.0	32.4	32.2	32.2	31.2	29.9	29.6	29.3
Dairy products:									
Total dairy products (milk equivalent, milkfat basis).....	572.9	581.9	593.7	591.5	601.2	582.8	565.2	570.8	564.7
Fluid milk and cream (product weight) ⁶	235.9	237.7	240.9	240.5	238.5	234.6	236.4	233.4	233.3
Plain and flavored whole milk ⁶	130.3	126.8	123.3	116.5	111.9	105.7	97.6	90.4	87.5
Plain lowfat milk (2%, 1%, and ½%).....	75.4	78.5	83.3	88.1	89.6	89.9	96.3	98.3	99.9
Plain skim milk.....	10.6	11.6	12.6	13.5	14.0	16.1	20.2	22.9	23.8
Flavored lowfat and skim milk.....	5.9	6.0	6.0	6.3	6.6	6.6	6.5	6.6	6.8
Buttermilk.....	4.3	4.3	4.4	4.2	4.3	4.1	3.7	3.5	3.4
Eggnog.....	.5	.5	.5	.5	.5	.5	.5	.5	.5
Yogurt (excl. frozen).....	3.3	3.7	4.1	4.4	4.4	4.7	4.3	4.1	4.3
Heavy cream, light cream, and half and half.....	3.7	4.0	4.4	4.7	4.7	4.6	4.8	4.6	4.5
Sour cream and dip.....	2.1	2.2	2.3	2.4	2.4	2.5	2.5	2.5	2.5
Cheese (excluding cottage) ^{6 7}	20.6	21.5	22.5	23.1	24.1	23.7	23.8	24.7	25.2
American.....	11.6	11.9	12.2	12.1	12.4	11.5	11.0	11.2	11.2
Cheddar.....	9.1	9.5	9.8	9.8	10.6	9.5	9.2	9.1	9.2
Italian.....	5.3	5.8	6.5	7.0	7.6	8.1	8.5	9.0	9.4
Mozzarella.....	3.7	4.0	4.6	5.2	5.6	6.0	6.4	6.9	7.2
Cottage cheese.....	4.1	4.1	4.1	4.1	3.9	3.9	3.6	3.4	3.2
Condensed and evaporated milk:									
Whole milk.....	3.8	3.7	3.7	3.6	3.7	3.5	3.1	3.1	3.1
Skim milk.....	3.2	3.7	3.8	4.3	4.2	4.3	4.7	4.8	4.7
Ice cream.....	18.1	18.2	18.1	18.4	18.3	17.3	16.1	15.8	16.4
Fats and oils—Total fat content.....	60.0	58.8	64.3	64.3	62.9	63.0	61.1	62.7	63.6
Butter (actual weight).....	4.9	4.9	4.9	4.6	4.7	4.5	4.4	4.4	4.2
Margarine (actual weight).....	10.4	10.4	10.8	11.4	10.5	10.3	10.2	10.9	10.6
Shortening.....	18.5	21.3	22.9	22.1	21.4	21.5	21.5	22.2	22.1
Lard (direct use).....	2.1	2.1	1.8	1.7	1.8	1.8	1.8	2.2	1.7
Edible tallow (direct use).....	2.1	1.7	1.9	1.8	.9	.8	.9	.8	1.4
Salad and cooking oils.....	23.6	19.9	23.5	24.2	25.4	25.8	24.0	24.2	25.2
Selected fresh fruits ⁸	90.5	88.9	86.8	93.1	97.5	97.4	98.8	92.6	90.6
Citrus.....	28.0	22.6	21.6	24.3	24.0	25.4	25.1	22.1	19.9
Noncitrus.....	62.5	66.3	65.3	68.8	73.5	72.0	73.7	70.5	70.7
Selected fresh vegetables ^{8 9}	93.3	100.6	100.7	99.3	105.7	109.7	112.9	110.9	106.0
Vegetables for freezing ^{8 10}	14.6	17.5	17.1	15.8	16.8	18.3	17.8	18.3	19.3
Vegetables for canning ^{8 11}	85.2	90.9	87.8	87.9	87.6	83.5	90.7	93.4	94.3
White potatoes ^{8 12}	118.4	121.9	122.4	125.8	125.8	122.2	127.4	127.8	130.5
Fresh.....	49.8	48.3	46.3	48.8	47.9	49.6	50.0	45.9	46.9
Freezing.....	39.2	43.7	45.4	46.3	47.9	43.3	46.8	50.2	51.0
Other processing.....	29.4	29.9	30.7	30.7	30.0	29.3	30.5	31.7	32.7
Total flour and cereal products.....	149.1	150.4	157.5	163.7	172.5	174.3	174.9	183.0	184.3
Wheat flour ¹³	117.7	119.2	124.7	125.7	129.9	130.0	129.2	135.7	135.9
Rice (milled basis).....	9.9	8.5	9.0	11.6	14.0	14.3	15.2	16.2	17.0
Corn products.....	14.7	16.0	17.1	19.4	21.1	21.8	21.5	21.7	21.9
Oat products.....	5.1	5.2	5.1	5.4	5.9	6.6	7.4	7.7	7.9
Barley and rye products.....	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

See footnotes at end of table.

Table 667.—Per capita consumption of major food commodities, United States, 1983-91 ¹—Continued

Commodity	1983	1984	1985	1986	1987	1988	1989	1990	1991 ²
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Caloric sweeteners (dry weight basis)	124.3	127.0	131.3	129.6	133.7	135.1	136.4	139.1	140.2
Sugar (refined).....	70.3	66.6	62.7	60.0	62.4	62.1	62.8	64.5	64.9
Corn sweeteners (dry weight) ¹⁴	52.7	59.0	67.2	68.1	69.9	71.6	72.2	73.1	73.9
Honey and edible syrups.....	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
Other:									
Coffee (green bean equivalent).....	10.1	10.2	10.5	10.5	10.2	9.8	10.3	10.2	10.3
Cocoa (chocolate liquor equivalent) ¹⁵	3.2	3.4	3.7	3.8	3.9	3.8	3.9	4.2	N.A.
Peanuts (shelled).....	5.9	6.0	6.3	6.4	6.4	6.9	7.0	6.0	6.4
Tree nuts (shelled).....	2.2	2.3	2.3	2.3	2.2	2.3	2.3	2.5	N.A.

¹ Quantity in pounds, retail weight unless otherwise shown. Data on calendar year basis except fresh citrus fruits, apples, grapes, pears, peanuts, and rice which are on a crop-year basis. ² Preliminary. ³ Boneless, trimmed weight, or edible weight. ⁴ Excludes shipments to U.S. territories. ⁵ Total may not add because of rounding.

⁶ Fluid milk figures are aggregates of commercial sales and milk produced and consumed on farms. ⁷ Natural equivalent of cheese and cheese products. ⁸ Farm weight. ⁹ Artichokes, asparagus, broccoli, cabbage, carrots, cauliflower, celery, cucumbers, eggplant, garlic, green beans, green peppers, lettuce, onions, sweet corn, and tomatoes.

¹⁰ Asparagus, broccoli, carrots, cauliflower, cucumbers for pickles, green peas, snap beans, and sweet corn (on-cob basis). ¹¹ Asparagus, broccoli, carrots, cauliflower, cucumbers for pickles, green peas, snap beans, sweet corn (on-cob basis), and tomatoes. ¹² Factors for converting farm weight to retail weight are 0.96 for fresh and 0.50 for freezing.

¹³ White, whole wheat, semolina, and durum flour. ¹⁴ High fructose, glucose, and dextrose. ¹⁵ Chocolate liquor is what remains after cocoa beans have been roasted and hulled; it is sometimes called ground or bitter chocolate.

Economic Research Service (ERS). Historical consumption and supply-utilization data for food may be found in Food Consumption, Prices, and Expenditures, 1968-89, SB-825, ERS, USDA, May 1991.

Table 668.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States, for one week, January 1992 ¹

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
FAMILIES	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
United States:				
Family of 2: ²				
20-50 years.....	49.10	61.90	76.10	94.70
51 years and over.....	46.40	59.50	73.30	87.70
Family of 4:				
Children, 1-2 and 3-5 years.....	71.60	89.30	108.80	133.90
Children, 6-8 and 9-11 years.....	81.90	105.00	130.90	157.70
INDIVIDUALS ³				
United States:				
Child:				
1-2 years.....	13.00	15.80	18.40	22.40
3-5 years.....	14.00	17.20	21.20	25.40
6-8 years.....	17.00	22.80	28.50	33.20
9-11 years.....	20.30	25.90	33.20	38.40
Male:				
12-14 years.....	21.10	29.30	36.50	42.80
15-19 years.....	21.80	30.20	37.60	43.50
20-50 years.....	25.40	30.00	37.30	45.20
51 years and over.....	21.20	28.50	35.00	42.00
Female:				
12-19 years.....	21.20	25.30	30.70	37.20
20-50 years.....	21.20	26.30	31.90	40.90
51 years and over.....	21.00	25.60	31.60	37.70

¹ Estimates for the thrifty food plan were computed from quantities of foods published in *Family Economics Review* (1984 No. 1). Estimates for the other plans were computed from quantities of foods published in *Family Economics Review* (1983 No. 2). The costs of the food plans are estimated by updating prices paid by households surveyed in 1977-78 in USDA's Nationwide Food Consumption Survey. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics. ² Ten percent added for family size adjustment. (See footnote 3.) ³ The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person—add 20 percent; 2-persons—add 10 percent; 3-persons—add 5 percent; 5- or 6-persons—subtract 5 percent; 7-or-more-persons—subtract 10 percent.

Human Nutrition Information Service.

Table 669.—Food Stamp Program: Participation and Federal costs, fiscal years 1977-91

Fiscal year ¹	Average monthly participation	Recipient benefits ²	Total cost ³	Average benefit per person
	1,000	1,000 dollars	1,000 dollars	Dollars
1977.....	17,077	5,066,950	5,469,249	24.71
1978.....	16,001	5,139,216	5,528,307	26.77
1979.....	17,653	6,480,189	6,948,762	30.59
1980.....	21,082	8,720,870	9,215,849	34.47
1981.....	22,430	10,629,866	11,235,233	39.49
1982 ⁴	21,717	10,208,298	10,850,861	39.17
1983.....	21,625	11,152,313	11,862,539	42.98
1984.....	20,854	10,696,130	11,594,862	42.74
1985.....	19,899	10,743,555	11,714,902	44.99
1986.....	19,429	10,605,196	11,693,686	45.49
1987.....	19,113	10,500,344	11,643,599	45.78
1988.....	18,644	11,149,051	12,356,346	49.83
1989.....	18,764	11,675,994	12,908,313	51.85
1990.....	20,086	14,205,294	15,509,537	58.93
1991 ⁵	22,625	17,338,720	18,768,354	63.86

¹ Data for fiscal years July 1 to June 30 for 1976; October 1 to September 30 beginning 1977. ² Prior to elimination of the purchase requirement in January 1979, Federal benefits were often referred to as "bonus dollars". Current publications frequently refer to benefits as the "value of issuance". ³ The total cost includes matching funds for state administrative expenses (e.g., certification of households, quality control, anti-fraud activities; and other program costs (e.g., printing and processing of stamps, the bank monitoring system, computer support systems); and transfers to other Federal agencies to offset their expenses in auditing or investigating the program (e.g., Office of the Inspector General). ⁴ Omits Puerto Rico beginning July 1, 1982 when their nutrition assistance program began. ⁵ Preliminary.

Food and Nutrition Service.

Table 670.—Food and Nutrition Service Programs: Federal costs of the National School Lunch, School Breakfast, Child Care Food, Summer Food Service, WIC, Special Milk, and Food Distribution Programs, fiscal years 1977-91 ¹

Fiscal year ^a	Child Nutrition					WIC ⁵	Special Milk	Food Distribution Programs ⁶
	Cash payments ³				Cost of food distributed ⁴			
	Lunch	Break-fast	Child Care ⁷	Summer Food				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1977.....	1,684,225	154,712	108,248	110,052	555,215	255,899	156,712	61,900
1978.....	1,830,920	183,834	131,612	96,107	631,457	379,615	135,211	95,700
1979.....	2,005,741	236,160	158,824	105,994	764,718	525,443	136,588	150,000
1980.....	2,279,403	287,766	208,179	108,296	930,083	724,693	145,212	194,400
1981.....	2,380,621	331,673	311,550	103,899	921,476	868,626	100,844	236,900
1982.....	2,185,445	317,300	300,896	82,982	784,569	948,172	18,285	467,200
1983.....	2,401,771	343,790	329,620	92,133	828,388	1,123,095	17,444	1,356,900
1984.....	2,507,665	364,004	376,828	94,373	859,198	1,386,094	16,043	1,489,900
1985.....	2,578,375	379,338	424,503	110,097	830,225	1,487,648	15,751	1,439,200
1986.....	2,714,260	406,252	465,671	112,868	854,004	1,580,518	15,456	1,380,900
1987.....	2,796,893	446,848	518,217	121,840	918,780	1,679,846	15,356	1,313,000
1988.....	2,916,193	473,597	583,757	132,044	852,812	1,797,509	18,724	1,073,100
1989.....	3,005,866	513,153	670,492	143,773	792,643	1,910,952	18,493	730,501
1990.....	3,213,982	596,222	788,311	161,882	646,065	2,122,551	19,048	730,220
1991 ^a	3,525,314	685,118	914,518	178,951	718,151	2,301,107	19,786	693,591

¹ See table 669 for Food Stamp Program costs. ² July 1-June 30 for fiscal years 1973-76; October 1-September 30 beginning fiscal year 1977. ³ Includes sponsor administrative costs for the Child Care Food and Summer Food Service Programs, and State administrative and health clinic expenses for the Summer Food Service Program. ⁴ Includes entitlement commodities, bonus commodities, and cash-in-lieu for the National School Lunch, School Breakfast, Child Care Food, and Summer Food Service Programs. ⁵ Includes food costs, administrative costs, program evaluation funds, and Farmers Market demo projects for the Special Supplemental Food Program for Women, Infants and Children. ⁶ Includes entitlement and bonus commodities, cash-in-lieu of commodities, and administrative costs of the following: Needy Family (Indian Reservations), Nutrition Program for the Elderly, Commodity Supplemental Food, Charitable Institutions, Summer Camps, and the Temporary Emergency Food Assistance Program (TEFAP). Also includes Commodities for Soup Kitchens beginning in fiscal year 1989. Excludes Child Nutrition commodities. ⁷ The Child Care Program includes an Adult Care component beginning in fiscal year 1989. ⁸ Preliminary.

Food and Nutrition Service.

Table 671.—Food and Nutrition Service program benefits: Cash payments made under the National School Lunch, School Breakfast, Child Care, Summer Food and Special Milk Programs and the value of food benefits provided under the Food Stamp, WIC, Commodity Distribution and the Emergency Feeding Food Programs, fiscal year 1991 ¹

State/ Territory	Child Nutrition Program (cash payments only)					Special Supplemental Food (WIC) ²	Commodity distribution ³	Food Stamp Program ⁴	TEFAP ⁵	Total
	Child and Adult Care Food	Summer Food	Special Milk	National School Lunch	Breakfast					
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
AL.....	15,824	4,265	41	81,223	14,705	37,493	20,071	393,964	5,237	572,823
AK.....	3,327	4	5	9,036	1,150	4,971	1,897	33,951	149	54,490
American Samoa.....	0	0	0	0	0	0	160	0	0	160
AZ.....	13,081	2,049	182	53,132	12,394	31,886	19,364	309,616	2,561	444,265
AR.....	9,134	1,074	29	43,910	10,641	21,551	19,314	182,988	2,967	291,608
CA.....	99,987	9,988	939	452,424	100,084	161,109	98,356	1,307,009	24,596	2,254,492
CO.....	16,882	1,025	148	34,522	3,939	16,294	16,202	186,802	2,458	278,272
CT.....	7,519	1,477	639	24,772	4,065	24,142	9,481	100,219	1,523	174,837
DE.....	3,873	1,309	45	6,234	1,305	4,000	2,467	32,431	536	52,200
DC.....	1,754	459	16	10,455	2,656	5,457	6,211	54,444	761	82,213
FL.....	30,606	15,167	116	181,585	39,536	64,148	45,038	865,362	10,381	1,251,939
GA.....	20,103	5,339	49	116,867	25,299	54,842	30,520	505,156	5,445	763,620
GU.....	9	0	0	1,630	593	1,951	549	15,497	0	20,229
HI.....	3,329	239	8	14,651	2,573	8,994	4,528	100,325	544	135,191
ID.....	2,469	286	175	15,450	1,216	9,788	5,144	47,037	981	82,546
IL.....	30,073	6,038	2,840	143,767	16,803	74,763	38,894	961,130	10,684	1,284,992
IN.....	13,069	1,281	362	58,340	5,872	36,832	19,515	293,830	4,440	434,041
IA.....	10,196	786	256	33,595	3,338	17,327	18,896	123,225	2,474	210,093
KS.....	20,039	505	334	31,474	2,150	14,256	13,994	113,095	957	196,804
KY.....	8,908	2,015	281	67,351	18,728	33,074	20,079	386,720	4,004	541,160
LA.....	16,867	4,934	77	110,463	22,763	47,518	35,814	598,486	5,887	842,809
ME.....	6,153	344	146	12,488	1,683	8,924	4,541	84,772	1,220	120,271
MD.....	14,223	1,882	385	42,632	7,866	19,928	12,219	258,979	3,963	362,077
MA.....	23,733	1,860	569	47,620	10,264	28,186	33,794	269,256	3,354	418,636
MI.....	31,674	4,046	1,406	91,378	7,546	56,775	54,386	807,866	9,115	1,064,192
MN.....	39,516	1,341	1,147	46,009	4,764	23,944	21,303	202,320	3,013	343,357
MS.....	16,286	4,445	17	79,849	19,169	33,619	15,961	389,233	3,545	562,124
MO.....	16,798	2,020	602	63,428	10,915	31,027	22,184	379,539	4,491	531,004
MT.....	4,399	286	63	10,426	1,061	6,267	9,502	46,526	794	79,324
NE.....	12,380	366	252	19,171	1,815	10,099	19,559	66,741	1,084	131,467
NV.....	1,799	110	69	9,487	2,145	6,159	3,884	56,066	654	80,373
NH.....	1,769	188	214	7,104	645	5,756	4,560	34,379	1,068	55,683
NJ.....	16,756	4,558	1,034	67,088	6,732	37,368	24,737	365,965	6,231	530,469
NM.....	11,907	546	21	32,656	5,531	14,923	11,985	147,297	1,088	229,954
NY.....	52,667	30,835	1,616	248,530	49,463	141,246	76,102	1,289,709	14,321	1,904,489
NC.....	18,796	3,158	135	98,520	25,692	48,223	28,202	377,586	4,441	604,753
ND.....	6,555	285	72	8,742	680	5,542	6,296	28,276	568	57,016
OH.....	25,998	3,334	1,167	115,652	21,540	67,749	33,818	984,119	9,474	1,262,851
OK.....	11,246	925	140	50,390	11,975	21,283	29,841	224,282	2,162	352,244
OR.....	10,047	845	261	29,542	4,053	15,801	9,467	196,786	1,489	268,291
Outlying Areas ⁶	0	0	0	1,688	712	0	269	0	0	2,669
PA.....	23,789	9,630	806	109,524	13,049	73,125	41,615	792,061	9,251	1,072,850
PR ⁴	166	2,995	0	111,099	22,954	80,140	10,626	0	3,371	231,351
RI.....	2,137	944	114	8,153	958	6,646	2,540	56,712	710	78,914
SC.....	8,756	5,599	29	65,480	15,176	36,644	15,406	239,147	2,130	388,367
SD.....	3,329	700	54	12,488	1,977	7,403	10,576	38,507	293	75,327
TN.....	11,409	2,252	39	72,883	19,119	39,834	27,190	459,208	0	631,934
TX.....	63,880	8,209	102	334,085	89,068	122,468	76,807	1,754,364	12,890	2,461,873
UT.....	14,826	810	77	26,534	1,201	15,644	9,013	82,968	1,078	152,151
VA.....	2,616	58	187	4,809	505	5,853	2,051	29,955	708	46,742
VT.....	12,318	2,003	248	65,434	13,277	35,328	20,270	320,879	3,020	473,977
WA.....	471	292	3	2,907	100	3,646	1,733	15,488	135	24,775
WV.....	21,309	1,289	299	48,780	8,812	24,989	16,175	278,049	1,977	401,679
WY.....	4,153	563	36	30,583	10,642	15,597	10,683	220,452	1,766	294,475
WY.....	12,815	1,134	1,916	49,033	3,713	27,518	20,007	207,248	3,157	326,541
WY.....	2,639	134	17	5,831	506	3,865	3,367	22,698	346	38,903
Dept. of Defense.....	0	0	0	2,914	0	0	2,457	0	0	5,371
Total.....	834,364	160,226	19,785	3,525,318	685,118	1,752,015	1,119,620	17,338,720	200,092	25,685,253

¹ Preliminary. Excludes administrative costs. ² Excludes Farmers Market demo projects. ³ Includes distribution of entitlement and bonus commodities to School Lunch, Child and Adult Care, Summer Food Service, Charitable Institutions, Soup Kitchens and Food Banks, Summer Camps, Indian Reservations, Elderly Feeding, Commodity Supplemental and Disaster Feeding. Also includes cash-in-lieu of commodities for the School Lunch, Child and Adult Care, and Elderly Feeding Programs. ⁴ Excludes nutrition assistance grants of \$963.4 million to Puerto Rico and \$3.7 million to the Northern Marianas. ⁵ Includes the value of commodities provided under the Emergency Food Assistance Program. ⁶ Outlying Areas include the Commonwealth of the Northern Marianas and the former Trust Territories.

Table 672.—Food and Nutrition Service Programs: Persons participating, fiscal years 1977-91 ¹

Fiscal year ²	National School Lunch Program	School Breakfast Program
	Thousands	Thousands
1977.....	26,676	2,627
1978.....	27,062	2,960
1979.....	27,322	3,488
1980.....	27,011	3,713
1981.....	26,843	3,996
1982.....	28,165	3,447
1983.....	28,383	3,480
1984.....	28,696	3,556
1985.....	24,051	3,574
1986.....	24,263	3,596
1987.....	24,500	3,752
1988.....	24,648	3,831
1989.....	24,770	3,941
1990.....	24,589	4,235
1991 ³	24,657	4,543

¹ Based on peak month of participation. ² Data for fiscal years July 1-June 30 for 1973-76; Oct. 1-Sept. 30 beginning fiscal year 1977. ³ Preliminary.

Food and Nutrition Service.

Table 673.—Consumers' prices: Index number of prices paid for goods and services, United States, 1984-91 ¹

[1982-84 = 100]

Year	Food	Nonfood items					All items
		Apparel and upkeep	Housing		Transportation	Medical care	
			Total	Rent			
1984 ²	103.2	102.1	103.6	108.6	103.7	106.8	103.9
1985.....	105.6	105.0	107.7	115.4	106.4	113.5	107.6
1986.....	109.0	105.9	110.9	121.9	102.3	122.0	109.6
1987.....	113.5	110.6	114.2	128.1	105.4	130.1	113.6
1988.....	118.2	115.4	118.5	133.6	108.7	138.6	118.3
1989.....	125.1	118.6	123.0	138.9	114.1	149.3	124.0
1990.....	132.4	124.1	128.5	146.7	120.5	162.8	130.7
1991.....	136.3	128.7	133.6	155.6	123.8	177.0	136.2

¹ Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers. ² Data prior to 1980 available from U.S. Department of Labor.

Economic Research Service. Compiled from data of the U.S. Department of Labor.

Table 674.—Number of foodservice establishments, by industry segment, 1982-88

Industry segment	1982	1983	1984	1985	1986	1987	1988
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Separate eating places:							
Restaurants, lunchrooms.....	122,851	123,642	124,433	125,502	125,237	124,983	125,042
Fast food outlets.....	117,119	120,444	123,769	124,809	125,032	126,619	127,930
Cafeterias.....	6,029	5,835	5,640	5,388	4,277	4,420	4,312
Total	300,999	249,939	253,842	255,699	254,546	256,022	257,284
Lodging places.....	24,448	23,855	23,262	22,613	24,533	25,413	26,252
Retail hosts.....	57,578	56,963	56,348	56,005	55,616	54,942	54,008
Recreation, entertainment.....	34,093	34,188	34,282	34,310	35,716	36,125	36,660
Separate drinking places.....	44,478	43,092	41,706	40,642	39,462	38,520	37,113
Commercial feeding total	410,155	408,030	409,453	409,869	409,873	411,022	411,317
Education:							
Elementary, secondary	91,300	90,600	89,600	89,424	88,824	88,414	89,692
Colleges, universities.....	3,280	3,284	3,288	3,299	3,312	3,443	3,511
Other education	2,966	2,975	3,000	3,076	3,120	3,185	3,240
Total	97,546	96,859	95,888	95,799	95,256	95,042	96,443
Plants, office buildings.....	15,414	15,409	15,846	15,963	16,006	16,814	17,250
Hospitals.....	6,915	6,888	6,861	6,835	6,810	6,796	6,772
Care facilities.....	26,817	27,875	28,933	29,711	30,599	31,218	31,945
Vending.....	3,608	3,582	3,556	3,535	3,507	3,480	3,453
Military services:							
Troop feeding.....	1,387	1,341	1,310	1,290	1,250	1,222	1,217
Clubs, exchanges.....	2,431	2,420	2,042	1,980	1,940	1,913	1,904
Total	3,818	3,761	3,352	3,270	3,190	3,135	3,121
Transportation.....	664	644	642	640	626	607	594
Associations.....	19,272	19,333	19,394	19,450	19,333	19,200	19,070
Correctional facilities.....	7,031	7,085	7,164	7,204	7,232	7,255	7,282
Child day care centers.....	70,679	78,800	84,175	88,410	91,645	94,819	96,918
Elderly feeding programs.....	13,246	13,993	14,035	14,068	19,167	19,605	20,000
Other.....	16,159	16,479	16,799	17,101	17,389	17,681	17,767
Noncommercial feeding total	281,169	290,788	296,645	301,986	310,760	315,652	320,615
Grand total.....	691,324	698,738	706,098	711,855	720,633	726,674	731,932

Economic Research Service, *Food Marketing Review*, 1989-90. AER No. 639.

Table 675.—Foodservice sales, by industry segment, 1985-91

Industry segment	1985	1986	1987	1988	1989	1990	1991
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Commercial:							
Separate eating places:							
Restaurants and lunchrooms.....	47,740	53,027	57,698	60,839	63,092	66,443	68,112
Fast food outlets.....	46,446	49,852	57,578	64,981	68,319	74,271	76,990
Cafeterias.....	3,195	3,505	3,294	3,473	3,601	3,793	3,888
Social caterers.....	764	963	946	1,155	1,215	1,718	2,194
Total ¹	98,145	107,347	119,516	130,448	136,227	146,225	151,184
Lodging places.....	8,416	8,843	9,903	10,723	11,110	11,238	13,270
Retail hosts.....	5,485	6,027	6,069	7,051	7,447	7,802	8,153
Recreation and entertainment.....	3,524	3,830	4,272	4,716	5,086	5,406	5,618
Separate drinking places.....	1,329	1,475	1,546	1,629	1,669	1,866	1,974
Commercial feeding total ¹	116,899	127,522	141,306	154,567	161,539	172,537	180,199
Noncommercial:							
Education—							
Elementary and secondary.....	8,992	9,610	10,434	10,458	11,215	10,503	11,084
Colleges and universities.....	5,659	6,184	6,856	7,414	8,025	8,205	8,700
Total ¹	14,651	15,794	17,290	17,872	19,240	18,708	19,784
Military services—							
Troop feeding.....	1,096	1,066	1,060	1,070	1,108	1,072	1,098
Clubs and exchanges.....	617	630	640	665	680	710	725
Total.....	1,713	1,696	1,700	1,735	1,788	1,782	1,823
Plants and office buildings.....	3,674	3,966	4,254	4,587	4,818	5,042	5,557
Hospitals.....	3,515	3,494	3,528	3,576	3,726	3,882	4,000
Extended care facilities.....	5,692	5,908	6,176	6,490	6,994	7,752	8,514
Vending.....	4,727	4,770	5,276	5,610	5,713	6,077	6,123
Transportation.....	2,703	3,100	3,586	3,976	4,225	4,563	4,336
Associations.....	1,427	1,488	1,610	1,709	1,846	1,763	1,850
Correctional facilities.....	1,700	1,880	2,046	2,254	2,626	2,308	2,520
Child day care centers.....	827	912	999	1,135	1,324	1,193	1,285
Elderly feeding programs.....	107	117	116	147	309	965	(²)
Other.....	373	469	451	242	271	317	1,692
Noncommercial feeding total ¹	41,109	43,594	47,032	49,333	52,880	54,352	57,484
Total ¹	158,008	171,116	188,338	208,900	214,419	226,889	237,683

¹ Excludes sales tax and tips.² See "other" which includes 1991 elderly feeding programs.Economic Research Service, *Food Marketing Review*, 1989-90. AER No. 639.

CHAPTER XIV

MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; statistics on fishery products; tables on refrigerated warehouses; and statistics on crops in Alaska.

Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as fibers, raw hides and skins, fats and oils, beer, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such by U.S. Customs authorities.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

The export value, the value of the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports of those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.

Table 676.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1977-91

Year ending Sept. 30 ¹	Total domestic exports	Agricultural exports ²		Total imports for consumption	Agricultural imports (for consumption) ³					Excess of domestic agricultural exports over competitive imports
		Domestic	Percent- age (domestic) of total exports		Total	Competi- tive	Noncompe- titive	Competitive		
								Percent- age of total agricultural exports	Percent- age of total agricultural imports	
	Million dollars	Million dollars	Percent	Million dollars	Million dollars	Million dollars	Million dollars	Percent	Percent	Million dollars
1977.....	119,118	23,974	20	142,418	13,357	6,548	6,809	27	49	17,426
1978.....	131,559	27,289	21	165,981	13,886	7,314	6,572	27	53	19,975
1979.....	167,818	31,979	19	193,610	16,186	9,075	7,110	28	56	22,904
1980.....	210,327	40,481	19	240,866	17,276	9,924	7,351	25	57	30,557
1981.....	229,203	43,780	19	254,687	17,218	11,302	5,916	26	66	32,478
1982.....	215,405	39,097	18	248,834	15,485	10,198	5,287	26	66	28,899
1983.....	194,142	34,769	18	246,900	16,373	10,909	5,465	31	67	23,860
1984.....	208,041	38,027	18	316,652	18,916	12,240	6,676	32	65	25,787
1985.....	210,437	31,201	15	333,462	19,740	12,959	6,781	42	66	18,242
1986.....	205,603	26,312	13	363,730	20,884	13,074	7,810	50	63	13,238
1987.....	230,787	27,876	12	388,024	20,650	13,864	6,786	50	67	14,012
1988.....	238,972	35,316	12	430,152	21,014	14,541	6,473	41	69	20,775
1989.....	340,859	39,590	12	462,551	21,476	15,238	6,238	38	71	24,352
1990.....	366,279	40,220	11	480,661	22,560	16,976	5,584	42	75	23,244
1991 ⁴	394,291	37,609	10	486,308	22,588	17,170	5,418	46	76	20,439

¹ Oct. 1-Sept. 30 for 1977-1991.² Includes food exported for relief or charity by individuals and private agencies.³ Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.⁴ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 677.—Agricultural exports: Quantity Indexes, United States, fiscal years 1980-91

[Calendar year 1977=100]

Year ending Sept. 30 ¹	Total agricultural ex- ports ²	Animals and animal products	Meat and meat products ³	Animal fats ³	Dairy products ³	Poultry and poultry products ³	Cotton and linters	Tobacco un- manu- factured	Grains and feeds	Vegeta- ble oils and oil- seeds	Fruits and vegeta- bles
1980.....	143	106	101	111	156	168	193	99	146	150	133
1981.....	135	113	107	110	185	201	119	88	153	125	159
1982.....	140	117	107	108	292	161	147	89	142	149	158
1983.....	129	115	101	103	380	127	114	86	127	146	133
1984.....	124	121	102	99	498	112	142	80	134	116	124
1985.....	112	122	105	87	513	117	124	90	115	102	112
1986.....	103	130	111	96	566	133	49	79	92	120	111
1987.....	119	138	134	87	515	188	126	79	110	127	127
1988.....	131	141	155	97	404	198	135	80	132	130	147
1989.....	126	158	213	98	273	208	141	73	139	94	149
1990.....	130	151	214	90	156	274	161	76	134	106	177
1991 ⁴	120	153	230	83	72	304	151	84	113	95	194

¹ Fiscal years, Oct. 1-Sept. 30.² Based on 92 percent of total value of U.S. agricultural exports in 1977.³ Included in "Animals and animal products."⁴ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 678.—Agricultural imports: Quantity indexes, United States, fiscal years 1980-91

[Calendar year 1977 = 100]

Year ending Sept. 30 ¹	Total agricultural imports ²	Non-competitive imports ³	Competitive imports ³	Animals and animal products	Dairy products ⁴	Hides and skins ⁴	Meat and meat products ⁴	Wool excluding free in bond ⁴	Grains and feeds	Vegetable oils and oil-seeds	Sugar cane or beet	Tobacco unmanufactured
1980.....	107	112	100	108	110	75	115	91	119	73	75	118
1981.....	107	109	104	111	119	118	115	152	110	115	71	112
1982.....	105	108	100	110	130	60	114	147	131	87	66	92
1983.....	111	113	108	119	139	123	119	130	136	91	49	167
1984.....	116	120	111	118	146	143	115	207	157	99	54	132
1985.....	122	125	118	133	142	150	142	145	200	108	45	133
1986.....	126	129	122	143	141	175	144	191	238	133	36	145
1987.....	126	128	122	153	125	104	162	218	245	129	28	157
1988.....	119	120	118	151	125	71	162	218	255	148	21	151
1989.....	121	125	114	134	125	95	138	232	290	151	32	119
1990.....	135	144	123	146	149	96	145	168	298	165	34	135
1991 ⁵	129	131	126	153	139	130	151	206	322	162	34	150

¹ Fiscal years Oct. 1-Sept. 30 for 1979-91. ² Based on 86 percent of total value of U.S. agricultural imports in 1977. ³ Competitive agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Non-competitive agricultural imports include all others, about 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, spices, and vegetable fibers. ⁴ Included in "Animals and animal products." ⁵ Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 679.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1990 ¹

Commodity	Public Law 480				Foreign Donations Section 416(b) ⁴	Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales		Title II donations				Under specified Government programs	Outside specified Government programs ⁵	All
	Local Currency ²	Long-term credit sales ³	Government to government and World Food Program	Voluntary agencies					
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	
Baby chicks						0.3	0.3	75.3	
Baby chicks, excluding breeding						0.1	0.1	13.1	
Cattle-dairy, breeding female						0.6	0.6	43.0	
Pork bellies					8.0		8.0	-3.8	
Shell eggs for hatching						0.1	0.1	49.1	
Butter					17.9		17.9	85.8	
Corn	1.5	41.9	24.2	5.3	126.3	65.5	264.7	6,665.9	
Grain sorghums			3.3	1.0	77.8		82.1	728.9	
Cornmeal			4.0	6.6			10.6	13.3	
Wheat	11.0	309.3	51.7	45.2	6.3	4.2	427.7	3,784.5	
Wheat flour		49.7	0.7	20.8			71.2	127.1	
Bulgur wheat			9.4	28.2	0.1		37.7	-34.9	
Rice		57.7	31.1	15.7		6.8	111.3	719.0	
Corn gluten meal						1.8	1.8	122.2	
Wheat-flour-soya			3.5	4.6			8.1	14.4	
Corn-soya-milk			9.1	56.0			65.1	-5.9	
Soya-sorghum-grits			1.0	1.0			2.0	18.9	
Isolates						0.2	0.2	91.9	
Soybeans						3.2	3.2	3,939.0	
Sunflowerseed						0.1	0.1	53.5	
Soybean oil		137.6	33.0	60.9	6.5		238.0	100.7	
Soybean flour and meal					15.8	29.1	44.9	-28.5	
Soy flour (defatted)			0.1	1.4		0.2	1.7	1.9	
Tallow, edible					1.4	4.8	6.2	39.5	
Tallow, inedible		16.0					16.0	328.1	
Seeds						0.9	0.9	571.8	
Livestock feed						0.2	0.2	96.9	
Beans, dried			1.2	12.3			13.5	231.9	
Peas, dried			3.2	3.5			6.7	38.7	
Lentils, dried			3.5	9.9			13.4	15.3	
Alfalfa hay cubes						(⁶)	(⁶)	57.5	
Fruits-nuts, plant						0.2	0.2	11.2	
Cotton, excluding linters		22.9					22.9	2,680.8	
Other								18,096.1	
Total ⁷	12.5	635.2	178.9	272.3	260.0	118.2	1,477.1	38,742.5	

See footnotes at end of table 680.

Table 680.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1989 ¹

Commodity	Public Law 480				Foreign donations Section 416(b)*	Foreign Assistance Act of 1961, as amend- (AID)	Total agricultural exports		
	Title I sales		Title II donations				Under speci- fied Govern- ment pro- grams	Outside speci- fied Govern- ment pro- grams ⁵	All
	Local curren- cy ²	Long- term credit sales ³	Govern- ment to govern- ment and World Food Program	Volun- tary agen- cies					
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	
Baby chicks.....						0.5	0.5	68.4	68.9
Cattle-beef, breeding males.....						0.1	0.1	15.2	15.3
Cattle-dairy, breeding females.....						0.1	0.1	44.9	45.0
Cheese.....						0.1	0.1	29.1	29.2
Shell eggs for hatching.....						(⁶)	(⁶)	46.1	46.1
Milk, nonfat dry.....			0.3	0.2			0.5	152.7	153.2
Wheat.....	18.7	361.1	80.0	45.1	21.3	128.3	654.5	5,355.8	6,010.3
Wheat flour.....		75.9	4.5	18.7		3.7	102.8	152.1	254.9
Bulgur wheat.....			6.0	39.7			45.7	-36.6	9.1
Rice.....		68.6	33.9	15.8			118.3	836.5	954.8
Corn.....		16.0	13.3	2.6	55.7	27.9	115.5	5,993.9	6,109.4
Grain sorghums.....			3.6	0.1	30.4		34.1	879.1	913.2
Cornmeal.....			5.1	11.3			16.4	10.3	26.7
Cornstarch, including milo.....						(⁶)	(⁶)	31.7	31.7
Corn-soya-milk.....			1.4	60.0			61.4	-3.8	57.6
Wheat-flour-soya.....			2.3	4.3			6.6	2.1	8.7
Edible preparations, n.e.c.....			0.1				0.1	14.3	14.4
Soya-sorghum-grits.....			0.5	0.8			1.3	138.9	140.2
Soybeans.....						10.3	10.3	4,075.1	4,085.4
Sunflowerseed.....						1.0	1.0	44.9	45.9
Oil, soybean.....		148.7	36.5	50.5			235.7	168.7	404.4
Oilcake and meal, soybean.....						3.1	3.1	1,329.1	1,332.2
Soy flour (defatted).....			0.1	1.1			1.2	19.5	20.7
Tallow, inedible.....		18.5				6.1	24.6	381.3	405.9
Animal fats, oils, n.e.c.....						(⁶)	(⁶)	9.1	9.1
Baking/frying fats.....						0.2	0.2	14.4	14.6
Seeds.....						3.0	3.0	495.9	498.9
Poultry feed.....						0.5	0.5	141.9	142.4
Livestock feed.....						0.1	0.1	88.1	88.2
Beans, dried.....			2.3	5.0			7.3	199.2	206.5
Peas, dried.....			2.6	2.8			5.4	32.9	38.3
Lentils, dried.....			11.3	7.2			18.5	5.5	24.0
Leguminous vegetables nsfp, dried.....						(⁶)	(⁶)	3.2	3.2
Tobacco, unmanufactured.....						1.9	1.9	1,246.8	1,248.7
Cotton, excluding linters.....		14.5					14.5	2,025.2	2,039.7
Others.....								14,093.0	14,093.0
Total ⁷	18.7	703.3	203.8	265.2	107.4	186.9	1,485.3	38,104.5	39,589.8

¹ Preliminary. ² Authorized by the Food Security Act of 1985. ³ Includes long-term dollar and convertible foreign currency credit sales. ⁴ Section 416(b) of the Agricultural Act of 1949, as amended. ⁵ "Agricultural exports outside specified Government programs" (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees through the Commodity Credit Corporation. Negative quantity due to adjustments for prior periods, reporting lags or classification differences. ⁶ Less than \$50,000. ⁷ Totals may not add due to rounding.

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Table 681.—U.S. agricultural exports under the concessional program: Estimated market value of agricultural shipments under Title I/III of Public Law 480 for fiscal years 1989 and 1990 ¹

Country	Cotton	Feed Grains	Rice	Oil-seeds/Meal	Tallow	Vegetable Oils	Wheat and Flour	Wood Products	Total
1989 (year ending Sept. 30, 1989)									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bangladesh.....	12,000		10,000				58,000		80,000
Bolivia.....							17,000		17,000
Costa Rica.....							15,000		15,000
Cote D'Ivoire.....			5,000						5,000
Dominican Republic.....						5,400			5,400
Egypt.....						17,000	160,000		177,000
El Salvador.....		3,000			10,000	11,000	16,000		40,000
Ghana.....			2,500			3,500			6,000
Guatemala.....							18,000		18,000
Guyana.....							7,000		7,000
Honduras.....							18,000		18,000
Indonesia.....			15,000						15,000
Jamaica.....		9,000	8,000				17,700	2,400	37,100
Kenya.....							5,000		5,000
Morocco.....						25,000	19,000		44,000
Pakistan.....						80,000			80,000
Peru.....			5,000				10,000		15,000
Senegal.....			5,000						5,000
Sierra Leone.....			3,000				1,000		4,000
Sri Lanka.....							36,000		36,000
Sudan.....							23,500		23,500
Tunisia.....		9,600					15,400		25,000
Uganda.....					6,000				6,000
Yemen.....			10,000						10,000
Zaire.....	5,000		17,000				9,000		31,000
Zambia.....					2,500	4,000	3,500		10,000
Total.....	17,000	21,600	80,500		18,500	145,900	449,100	2,400	735,000
1990 (year ending Sept. 30, 1990)									
Bangladesh.....	15,000					5,000	40,000		60,000
Bolivia.....							20,000		20,000
Congo.....			2,000						2,000
Cote D'Ivoire.....			15,000						15,000
Dominican Republic.....						14,600			14,600
Egypt.....							203,000		203,000
El Salvador.....		3,000			7,000	11,000	19,200		40,200
Ghana.....			6,000						6,000
Guatemala.....							18,000		18,000
Guyana.....							6,100		6,100
Honduras.....							12,000		12,000
Jamaica.....		11,500	11,000				12,900	4,600	40,000
Morocco.....						23,000	10,000		33,000
Pakistan.....						80,000			80,000
Peru.....							20,000		20,000
Philippines.....				21,000					21,000
Poland.....	5,000		3,400				6,400		14,800
Romania.....		20,000							20,000
Senegal.....			4,600						4,600
Sierra Leone.....			3,000				1,000		4,000
Sri Lanka.....							38,700		38,700
Tunisia.....							15,000		15,000
Uganda.....					6,000				6,000
Yemen.....		10,000	15,000						25,000
Zaire.....	3,000						6,300		9,300
Zambia.....					3,000	4,000			7,000
Total.....	23,000	44,500	60,000	21,000	16,000	137,600	428,600	4,600	735,300

Foreign Agricultural Service—Program Analysis Division, Export Credits.

Table 682.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance, and total, fiscal years 1986-91 ¹

Type of export	1986	1987	1988	1989 ²	1990 ²	1991 ²
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Public Law 480:						
Local currency sales.....	0	18	33	19	13	(³)
Long-term dollar and convertible foreign currency credit sales.....	766	677	660	703	635	(³)
Government-to-government and World Food Program donations.....	179	125	236	204	179	(³)
Donations through voluntary agencies.....	241	123	227	265	272	(³)
Foreign donations, section 416 ⁴	147	133	279	107	260	(³)
Foreign Assistance Act of 1961, as amended (AID).....	129	60	86	187	118	(³)
Total agricultural exports under specified Government programs ⁵	1,462	1,137	1,522	1,485	1,477	(³)
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Commercial exports (sales for dollars):						
Without assistance.....	22.4	24.0	30.2	33.2	34.4	(³)
With assistance ⁶	2.4	2.7	3.7	5.0	4.3	4.1
Total commercial exports.....	24.8	26.7	33.9	38.2	38.7	(³)
Total exports ⁶	26.3	27.9	35.4	39.7	40.2	37.6

¹ Fiscal years Oct. 1-Sept. 30 ² Preliminary. ³ 1991 data is not available. ⁴ Section 416(b) of the Agricultural Act of 1949, as amended. ⁵ Shipments under export credit and guarantee programs (GSM-5, GSM-101, GSM-102, and GSM-103). ⁶ Totals may not add due to rounding.

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Table 683.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1987-91 ¹

Product	1987	1988	1989	1990	1991 ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities.....	230,787,000	293,972,100	340,859,300	366,279,100	394,291,400
Nonagricultural commodities.....	202,910,993	258,656,320	301,248,563	326,059,505	356,682,394
Agricultural commodities.....	27,876,007	35,315,780	39,610,737	40,219,595	37,609,006
Animals and animal products ³	5,014,215	6,057,150	6,535,442	6,610,135	6,784,763
Animals, live excluding poultry.....	330,569	452,073	474,707	360,777	545,874
Cattle.....	98,861	166,995	152,104	88,821	156,370
Other.....	231,708	285,077	322,602	271,956	389,504
Dairy products.....	490,606	535,503	474,733	358,037	293,411
Butter and anhydrous milkfat.....	17,674	10,745	31,877	108,931	19,212
Cheese and curd.....	31,862	46,096	29,231	35,775	35,000
Milk, condensed, or evaporated.....	2,161	3,529	20,775	8,427	2,510
Milk, nonfat dry.....	221,011	228,775	153,202	33,381	22,670
Other.....	217,897	246,359	239,648	176,523	214,019
Fats, oils and greases.....	416,785	544,632	530,775	459,157	418,610
Lard and other rendered pig fat.....	22,462	26,738	29,508	22,447	28,591
Tallow, inedible.....	355,333	456,736	405,857	344,079	285,434
Other.....	38,991	61,159	95,410	92,681	104,585
Meats and meat preparations.....	1,299,643	1,796,553	2,355,539	2,456,786	2,773,923
Beef and veal, except offals.....	734,079	1,008,764	1,420,920	1,493,682	1,725,704
Pork, except offals.....	104,852	228,166	304,993	340,557	325,688
Offals, edible, variety meats.....	355,026	410,687	422,999	370,674	453,592
Other.....	105,686	148,937	206,627	251,873	268,939
Poultry and poultry products.....	594,334	647,405	721,246	901,812	1,003,980
Poultry, live:					
Breeding chicks.....	56,390	68,400	63,109	75,626	86,941
Baby chicks, excluding breeding.....	5,832	8,400	5,764	4,710	6,949
Other.....	10,339	6,827	11,118	16,037	14,616
Poultry meat; fresh, frozen:					
Chickens.....	361,194	365,644	433,063	563,261	580,847
Turkeys.....	15,718	23,992	27,697	27,697	55,195
Other.....	15,854	16,179	16,436	15,153	16,145
Eggs.....	79,884	109,901	100,968	96,146	137,157
Other.....	49,123	47,702	66,796	103,182	106,130
Hides and skins, including furskins.....	1,665,557	1,836,780	1,712,990	1,793,785	1,453,029
Cattle hides, whole.....	1,253,731	1,458,369	1,360,116	1,411,745	1,192,948
Furskins.....	282,141	210,515	146,636	163,443	105,640
Other.....	129,685	167,896	206,238	218,597	154,441
Other animal products.....	216,721	244,204	265,452	279,802	295,937
Hair, animal, excluding wool or fine hair.....	3,372	3,904	3,323	2,711	2,423
Sausage casings.....	22,559	29,668	29,332	33,125	35,577
Wool, unmanufactured, including fine hair.....	55,330	41,382	39,969	31,156	21,300
Other.....	135,460	169,250	192,828	212,810	236,637
Vegetable products ³	22,861,792	29,258,630	33,075,295	33,609,440	30,824,243
Cotton, unmanufactured.....	1,429,361	2,150,111	2,059,389	2,719,485	2,619,294
Cotton, raw.....	1,419,322	2,135,657	2,039,708	2,703,729	2,605,310
Linters.....	10,039	14,454	19,681	15,756	13,984
Fruits and preparations.....	1,466,229	1,714,084	1,800,329	2,187,013	2,424,146
Canned.....	64,948	79,099	80,213	84,788	104,837
Dried.....	230,985	263,835	262,045	305,926	334,356
Fresh.....	935,965	1,065,708	1,110,733	1,363,196	1,522,803
Fruit juices.....	185,093	252,161	264,539	328,180	338,249
Other.....	49,237	53,281	82,799	104,923	123,901
Nuts and preparations.....	768,596	906,408	857,793	929,383	952,059
Grains and feeds.....	9,058,692	12,574,903	16,830,164	15,697,519	12,206,491
Feed grains and products.....	3,752,193	5,193,167	7,376,803	8,093,840	5,789,004
Feed grains.....	3,684,447	5,116,287	7,246,869	7,961,204	5,652,257
Barley.....	242,436	226,428	211,429	217,595	153,125
Corn.....	3,047,536	4,323,848	6,109,447	6,930,622	4,871,543
Grain sorghum.....	391,342	564,496	913,204	810,970	626,239
Oats.....	1,769	822	1,474	1,506	1,053
Rye.....	1,364	693	11,315	511	296
Other.....	67,746	76,880	129,934	132,636	136,747
Rice.....	550,536	733,984	954,844	830,321	749,114
Wheat and products.....	3,115,629	4,677,190	6,285,195	4,428,674	3,090,156
Wheat.....	2,877,010	4,471,190	6,010,305	4,212,213	2,856,806
Wheat flour.....	206,660	170,388	254,940	198,265	201,883
Other wheat products.....	31,959	35,612	19,950	18,196	31,467
Blended food products.....	38,118	56,676	66,256	81,675	77,199
Other.....	147,200	194,004	297,746	435,033	587,040
Feeds and fodders, excluding oilcake and meal.....	1,455,015	1,720,882	1,849,320	1,827,976	1,913,978
Corn byproducts.....	783,104	845,956	786,908	778,417	847,551
Alfalfa meal and cubes.....	87,546	91,410	80,865	86,642	91,020
Other.....	584,364	783,517	981,547	962,917	975,407

See footnotes at end of table.

Table 683.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1987-91 ¹—Continued

Product	1987	1988	1989	1990	1991 ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Vegetable products—Continued					
Oilseeds and products.....	6,307,703	7,691,652	6,628,890	6,099,186	5,607,412
Oilseed cake and meal.....	1,346,948	1,500,175	1,358,411	1,031,628	1,073,336
Soybean oilseed cake and meal.....	1,324,668	1,469,131	1,332,242	1,003,063	1,000,168
Other.....	22,280	31,044	26,170	28,565	73,168
Oilseeds.....	4,422,520	5,229,847	4,362,958	4,238,765	3,811,015
Soybeans.....	4,205,275	5,000,087	4,085,412	3,942,199	3,464,960
Other.....	153,908	147,660	174,717	162,211	176,384
Protein substances.....	63,337	82,099	102,829	134,355	169,671
Vegetable oils and waxes.....	538,236	961,630	907,521	828,792	723,060
Soybean oil.....	222,947	436,813	404,369	338,691	191,993
Other.....	315,289	524,817	503,152	490,993	531,067
Tobacco, unmanufactured.....	1,203,139	1,297,054	1,248,719	1,359,291	1,532,822
Flue-cured.....	747,750	813,557	722,561	819,588	881,715
Other.....	455,389	483,497	526,157	539,703	651,107
Vegetable and preparations.....	1,175,840	1,280,487	1,542,280	2,078,823	2,596,905
Canned.....	107,910	138,205	146,631	170,795	213,506
Pulses.....	267,607	208,135	268,698	319,514	332,128
Fresh.....	252,288	310,642	341,054	579,574	799,031
Hops, including extract.....	54,737	62,081	76,185	85,064	73,562
Other.....	493,299	561,424	709,712	923,876	1,178,678
Essential oils.....	110,784	120,043	171,367	182,474	182,973
Seeds, except oilseeds.....	371,111	412,527	498,945	572,684	618,425
Other vegetable products.....	970,337	1,111,361	1,437,419	1,783,582	2,083,716

¹ Fiscal years, Oct. 1-Sept. 30.² Preliminary.³ Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 684.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1987-91 ¹

Product	1987	1988	1989	1990	1991 ²
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities.....	388,024,300	430,152,000	462,551,400	480,661,000	486,308,200
Nonagricultural commodities.....	367,374,402	409,137,634	441,075,558	458,100,624	463,720,311
Agricultural commodities.....	20,649,898	21,014,366	21,475,842	22,560,376	22,587,889
Competitive ³	18,863,763	14,541,303	15,237,775	16,976,102	17,170,212
Animals and animal products.....	5,049,786	5,233,211	4,886,470	5,544,142	5,645,423
Animals, live, excluding poultry.....	609,666	729,340	739,628	1,053,300	1,130,622
Cattle, dutiable.....	457,199	594,589	562,595	897,068	959,331
Meats and meat products.....	2,797,057	2,788,388	2,431,825	2,848,150	3,016,337
Meats, P.L. 88-482.....	1,365,030	1,482,826	1,355,292	1,636,528	1,777,331
Meats, fresh, frozen.....	2,015,034	2,061,855	1,830,869	2,169,595	2,347,999
Beef and veal.....	1,361,139	1,476,510	1,347,038	1,629,023	1,767,809
Pork.....	596,029	515,619	399,151	473,043	497,980
Mutton, goat, and lamb.....	30,893	37,736	41,254	38,802	39,280
Meats, prepared, preserved.....	743,888	691,206	557,838	628,698	623,981
Beef and veal.....	213,612	204,050	178,388	213,345	256,023
Pork.....	529,363	485,244	378,734	415,353	367,958
Mutton, goat, and lamb.....	913	1,912	716	0	0
Poultry and products.....	112,232	97,369	129,875	129,184	119,063
Dairy products.....	848,778	880,794	833,933	951,115	806,692
Nonfat dry milk.....	1,133	1,460	1,317	2,140	2,222
Cheese.....	396,775	375,436	364,637	439,983	418,669
Casein and mixtures.....	230,214	296,013	351,148	426,880	303,791
Fats, oils and greases.....	17,876	19,303	14,247	14,680	19,463
Hides and skins.....	303,903	247,085	240,945	182,246	152,806
Sheep and lamb skins.....	36,470	41,790	39,291	33,520	17,163
Furskins.....	231,080	148,034	137,870	87,079	58,365
Wool, unmanufactured excluding free.....	152,668	244,752	262,319	144,791	152,250
Sausage casings.....	58,891	66,323	70,533	53,020	59,735
Other animal products.....	148,715	159,857	163,166	167,656	188,458
Vegetable products.....	8,813,977	9,308,092	10,351,284	11,431,960	11,524,789
Grains and feeds.....	727,466	867,909	1,138,801	1,180,694	1,271,208
Wheat, excluding seed, edible.....	35,298	51,811	50,753	70,021	71,950
Barley.....	13,154	21,135	42,901	37,525	49,103
Biscuits, wafers.....	271,340	278,796	315,412	342,098	352,363
Feeds and fodders.....	118,287	159,619	218,237	256,506	270,479

See footnotes at end of table.

Table 684.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1987-91¹—Continued

Product	1987	1988	1989	1990	1991 ²
Competitive ³ —Continued	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Vegetable products—Continued					
Fruits and preparations.....	1,709,533	1,780,741	1,878,270	2,206,776	2,041,500
Fresh or frozen.....	626,547	658,770	679,351	784,356	860,128
Strawberries.....	43,589	35,366	34,914	45,252	46,331
Prepared or preserved.....	354,957	354,211	406,458	420,678	444,517
Pineapples.....	150,085	151,850	169,586	169,672	186,981
Fruit juices.....	728,030	767,760	792,460	1,001,742	736,855
Nuts and preparations.....	380,293	335,693	332,548	355,785	443,080
Vegetables and preparations.....	1,508,766	1,593,092	1,959,204	2,263,891	2,184,588
Fresh or frozen.....	691,088	725,208	918,722	1,216,919	1,094,223
Tomatoes.....	175,384	164,448	212,151	391,251	264,444
Prepared or preserved.....	817,678	867,884	1,040,483	1,046,954	1,090,366
Olives.....	110,062	129,546	136,593	139,022	141,906
Mushrooms, canned.....	136,953	118,834	126,870	115,375	122,587
Hops and extract.....	35,219	26,799	24,780	35,260	37,921
Sugar and related products.....	761,933	625,123	948,989	1,119,132	1,132,297
Sugar, cane, and beet.....	497,381	371,532	620,442	734,498	716,616
Molasses, inedible.....	72,223	71,247	60,689	73,462	87,355
Confectionery products.....	70,989	62,495	146,052	191,562	207,969
Spices.....	27,861	31,219	37,651	29,179	28,572
Tobacco, unmanufactured.....	634,214	610,806	520,582	588,292	698,171
Tobacco, filler.....	586,699	569,972	500,991	570,305	676,507
Tobacco, scrap.....	25,176	17,731	7,321	6,805	10,939
Beverages, excluding fruit juices.....	1,923,156	2,008,473	1,814,787	1,866,769	1,858,200
Wine.....	953,194	976,281	896,201	920,918	929,915
Malt beverages.....	855,350	940,371	854,680	888,377	854,294
Oilseeds and products.....	579,330	838,174	945,565	963,954	958,501
Oilseeds and oilnuts.....	56,341	71,444	159,395	205,800	151,173
Flaxseed.....	8,621	15,897	58,002	36,282	20,403
Sesame seed.....	26,401	27,635	36,031	56,104	40,072
Oils and waxes—vegetables.....	493,013	724,702	720,923	709,685	749,938
Castor oil.....	26,723	24,965	33,297	36,309	27,053
Coconut oil.....	153,894	231,301	175,748	190,807	134,539
Olive oil.....	101,087	123,191	151,622	183,758	224,321
Palm oil.....	56,280	59,989	52,074	29,904	41,640
Palm kernel oil.....	58,665	103,196	96,057	68,501	51,595
Cotton, excluding linters.....	700	482	3,402	566	3,076
Cotton linters.....	6,357	8,362	4,478	19,237	12,963
Seeds, field and garden.....	155,551	153,009	187,344	163,622	173,221
Nursery stock.....	369,412	418,631	465,972	518,939	538,375
Other vegetable products.....	29,404	36,378	113,689	155,124	181,042
Noncompetitive ³	6,786,136	6,473,063	6,238,067	5,584,273	5,417,677
Bananas, fresh.....	770,456	767,725	795,277	867,101	922,348
Plantains, fresh.....	28,568	32,525	36,586	42,577	48,517
Coffee, green.....	3,027,001	2,413,689	2,289,327	1,854,496	1,700,480
Coffee, roasted.....	48,920	63,741	64,389	45,841	44,893
Coffee, soluble, extracts.....	157,214	122,249	112,283	96,704	84,486
Cocoa beans.....	412,676	497,622	420,504	368,124	337,292
Cocoa butter.....	334,002	353,869	196,858	255,996	275,065
Cocoa, cake, powder, etc.....	125,848	111,198	105,059	113,638	100,434
Chocolate preparations.....	202,745	192,799	243,399	302,659	283,413
Tea, crude or prepared.....	114,119	123,275	133,050	150,611	151,857
Spices.....	404,549	355,424	289,420	245,418	264,398
Pepper, unground, black.....	144,233	109,845	75,648	62,393	50,423
Vanilla beans.....	72,265	67,947	48,604	41,878	61,514
Other.....	188,051	177,632	165,168	141,147	152,461
Rubber, crude, natural:					
Rubber-latex.....	84,493	111,188	212,571	73,831	82,447
Rubber-dry form.....	612,150	821,117	824,686	627,489	573,915
Silk, raw.....	7,409	6,615	11,454	10,729	6,029
Wool, unmanufactured, duty-free.....	48,214	47,187	57,055	42,587	22,937
Fibers, excluding cotton, jute.....	22,780	25,087	42,326	45,082	42,249
Essential oils.....	115,256	141,525	137,850	149,547	155,566
Drugs, crude natural.....	204,035	222,526	222,707	262,491	283,025
Other.....	65,691	63,702	43,266	29,402	38,326

¹ Fiscal years, Oct. 1-Sept. 30. ² Preliminary. ³ Competitive agricultural import products consists of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 685.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1989/90 and 1990/91 ¹

Commodity	Value		Commodity	Value	
	1989/90	1990/91 ²		1989/90	1990/91 ²
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Total agricultural exports.....	6,815,440	6,775,654	Nonvariable levy commod- ities—Continued		
Variable-levy commodities.....	775,892	789,692	Fruits, fresh, noncitrus.....	66,561	83,450
Beef and veal.....	9,742	7,280	Apples, fresh.....	17,622	26,622
Pork.....	1,632	2,260	Grapes, fresh.....	10,525	15,086
Other meats—fresh or pre- pared.....	4,695	2,764	Other noncitrus, fresh.....	38,406	41,742
Poultry—live.....	8,312	8,290	Fruits, dried.....	140,853	156,935
Baby chicks.....	7,880	8,095	Raisins, dried.....	69,462	80,965
Poultry meats.....	24,220	33,760	Prunes, dried.....	67,514	69,886
Chickens—fresh or frozen.....	14,489	22,533	Other dried fruits.....	3,878	6,084
Turkeys—fresh or frozen.....	4,009	2,936	Fruits—canned excl. juice.....	10,547	12,110
Other poultry—fresh or frozen.....	4,088	3,880	Fruits—froz. excl. juice.....	6,978	10,471
Poultry meats—prepared or preserved.....	1,634	4,412	Other fruits—prep. or pres.....	15,085	16,972
Eggs.....	5,128	10,474	Fruit juices incl. frozen.....	44,435	41,137
Dairy products.....	20,934	22,431	Orange juice.....	32,602	28,849
Lard.....	6	0	Other fruit juices.....	11,832	12,288
Wheat, unmilled.....	118,799	82,663	Wine.....	36,091	48,199
Wheat, flour.....	279	93	Nuts and preparations.....	479,734	502,188
Other wheat products.....	338	427	Almonds (shelled basis).....	274,410	326,092
Rice-paddy, milled.....	107,499	88,790	Peanuts, shelled or pre- parations.....	98,830	64,536
Feed grains and products.....	405,301	367,649	Walnuts, shelled/unshelled.....	92,062	84,076
Feed grains.....	391,390	339,423	Vegetables and preparations.....	224,698	304,303
Barley.....	3,159	113	Vegetables—fresh.....	15,594	28,127
Corn.....	363,340	318,458	Vegetables—frozen.....	7,097	7,716
Grain sorghums.....	24,815	20,790	Vegetables—canned.....	34,590	48,462
Oats.....	0	0	Pulses.....	80,471	97,791
Rye.....	76	62	Dried beans.....	67,538	83,594
Blended food products.....	152	153	Dried peas.....	3,618	5,195
Other grain products.....	27,159	103,534	Dried lentils.....	9,314	9,001
Sugar.....	124	2,312	Hops, including hop ex- tract.....	15,588	22,481
Related sugar products.....	27,637	41,636	Other veg.—prep. or pres.....	71,258	99,727
Chocolate and prep.....	978	1,418	Oilseeds and products.....	1,897,429	1,572,983
Nonvariable-levy commodities.....	6,039,548	5,985,962	Oilcake and meal.....	45,017	97,940
Animals live—excluding poultry.....	143,465	208,969	Soybean meal.....	24,553	32,650
Horses, mules, burros— live.....	137,559	203,810	Other oilcake and meal.....	20,464	65,290
Horsemeat—fr. chill, froz.....	124,893	119,752	Oilseeds.....	1,763,900	1,367,826
Variety meats, edible offals.....	20,350	9,006	Soybeans.....	1,640,757	1,249,310
Feathers and downs, crude.....	1,322	1,367	Sunflowerseeds.....	37,861	40,866
Tallow—inedible.....	50,535	29,460	Peanuts and oilstock.....	34,114	30,470
Other animal fats and oils.....	4,317	10,572	Other oilseeds.....	6,774	7,702
Hides and skins, incl. furs.....	104,950	91,586	Protein substances.....	44,393	39,479
Cattle hides, whole.....	28,668	22,259	Vegetable oils.....	88,512	107,217
Furskins.....	22,264	21,447	Soybean oil.....	40	120
Wool and mohair.....	21,717	14,803	Cottonseed oil.....	2,058	564
Sausage casings.....	6,687	4,842	Sunflower oil.....	27,320	31,656
Bull semen.....	31,196	24,416	Other vegetable oils and waxes.....	30,816	45,623
Misc. animal products— other.....	72,184	97,307	Tobacco—unmfg.....	587,390	667,061
Corn by-products.....	652,593	716,571	Cotton, excl. linters.....	454,866	371,405
Alfalfa meal and cubes.....	195	125	Cotton linters.....	4,691	5,005
Beet pulp.....	21,575	29,262	Essential oils.....	72,457	84,791
Citrus pulp pellets.....	50,492	74,809	Seeds—field and garden.....	216,221	238,223
Other feeds and fodders.....	293,066	210,026	Coffee.....	4,285	2,582
Fruits and prep, excluding juice.....	288,694	344,737	Cocoa.....	3,103	5,108
Fruits, fresh.....	115,231	148,248	Tea and mate.....	6,966	12,095
Fruits, fresh, citrus.....	48,670	64,798	Spices.....	3,937	5,284
Grapefruit, fresh.....	42,433	61,860	Flavoring sirups and extract.....	0	0
Lemons and limes, fresh.....	473	938	Rubber—crude natural.....	7,835	9,483
Oranges and tanger- ines, fresh.....	5,730	1,949	Fibers excl. cotton.....	704	828
Other citrus, fresh.....	34	51	Nursery and greenhouse prod- ucts.....	49,484	60,543
			Beverages excl. juices.....	9,383	14,678
			Other miscellaneous vegetable products.....	47,609	52,456

¹ Fiscal years Oct. 1–Sept. 30.

² Preliminary.

Table 686.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1989-91 ¹

Country	1989			1990			1991		
	Total agricultural exports	Under specified Government-financed programs ²	Outside specified Government-financed programs ³	Total agricultural exports	Under specified Government-financed programs ²	Outside specified Government-financed programs ³	Total agricultural exports	Under specified Government-financed programs ²	Outside specified Government-financed programs ³
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan.....	8,148.3	0	8,148.3	8,154.9	0	8,154.9	7,735.8	N.A.	7,735.8
Canada.....	2,179.3	0	2,179.3	3,715.2	0	3,715.2	4,408.7	N.A.	4,408.7
Mexico.....	2,757.5	28.2	2,729.3	2,666.0	40.8	2,625.2	2,884.4	N.A.	2,884.4
Republic of Korea.....	2,453.2	0	2,453.2	2,701.2	0	2,701.2	2,158.8	N.A.	2,158.8
USSR.....	3,298.8	0	3,298.8	3,006.0	0	3,006.0	1,758.4	N.A.	1,758.4
Taiwan.....	1,593.7	0	1,593.7	1,819.2	0	1,819.2	1,738.6	N.A.	1,738.6
Netherlands.....	1,846.7	0	1,846.7	1,635.9	0	1,635.9	1,561.0	N.A.	1,561.0
Fed. Rep. of									
Germany.....	917.9	0	917.9	1,096.0	0	1,096.0	1,134.9	N.A.	1,134.9
United Kingdom.....	736.3	0	736.3	760.5	0	760.5	883.3	N.A.	883.3
Spain, inc Canary Is.....	850.4	0	850.4	976.3	0	976.3	855.2	N.A.	855.2
Hong Kong.....	572.3	0	572.3	685.1	0	685.1	744.8	N.A.	744.8
Egypt.....	954.7	228.7	726.0	762.7	268.5	494.2	692.2	N.A.	692.2
Italy.....	609.2	0	609.2	702.2	0	702.2	675.3	N.A.	675.3
China.....	1,496.1	0	1,496.1	909.1	0	909.1	668.0	N.A.	668.0
France.....	474.1	0	474.1	469.0	0	469.0	571.3	N.A.	571.3
Saudi Arabia.....	481.9	0	481.9	501.9	0	501.9	535.8	N.A.	535.8
Algeria.....	548.8	0	548.8	490.6	0	490.6	479.4	N.A.	479.4
Belgium.....									
Luxembourg.....	410.2	0	410.2	425.7	0	425.7	463.5	N.A.	463.5
Philippines.....	343.6	16.2	327.4	351.4	11.7	339.7	373.0	N.A.	373.0
Venezuela.....	587.5	0	587.5	345.4	0	345.4	307.2	N.A.	307.2
Israel, inc Gaza & W Bank.....	330.4	0.7	329.7	285.3	0.9	284.4	287.2	N.A.	287.2
Thailand.....	168.8	0.7	168.1	252.3	2.6	249.7	280.4	N.A.	280.4
Indonesia.....	216.0	34.1	181.9	277.3	5.3	272.0	279.1	N.A.	279.1
Brazil.....	148.5	1.2	147.3	104.5	1.1	103.4	271.2	N.A.	271.2
Portugal.....	307.4	0	307.4	337.9	0	337.9	251.2	N.A.	251.2
Dominican Republic.....	241.3	6.9	234.4	263.3	16.8	246.5	236.7	N.A.	236.7
Australia.....	155.7	0	155.7	201.5	0	201.5	236.0	N.A.	236.0
Turkey.....	237.8	0	237.8	259.6	0	259.6	224.3	N.A.	224.3
Switzerland.....	165.9	0	165.9	171.4	0	171.4	193.9	N.A.	193.9
Singapore.....	158.4	0	158.4	162.8	0	162.8	174.7	N.A.	174.7
Ireland.....	176.3	0	176.3	171.2	0	171.2	163.1	N.A.	163.1
Peru.....	80.7	33.5	47.2	187.5	31.6	155.9	150.3	N.A.	150.3
Sweden.....	147.3	0	147.3	139.4	0	139.4	145.7	N.A.	145.7
Pakistan.....	598.8	250.8	348.0	391.0	93.3	297.7	143.5	N.A.	143.5
Jamaica.....	170.2	40.4	129.8	143.7	41.9	101.8	132.5	N.A.	132.5
Haiti.....	116.3	21.4	94.9	104.4	6.3	98.1	131.5	N.A.	131.5
Malaysia.....	87.9	0	87.9	133.4	0	133.4	131.1	N.A.	131.1
Morocco.....	215.7	62.1	153.6	164.4	47.2	117.2	129.0	N.A.	129.0
Colombia.....	139.2	0.1	139.1	147.4	0.2	147.2	123.8	N.A.	123.8
Denmark.....	97.1	0	97.1	122.1	0	122.1	112.9	N.A.	112.9
Bahamas.....	109.6	0	109.6	111.7	0	111.7	112.0	N.A.	112.0
Guatemala.....	77.9	28.7	49.2	100.9	21.8	79.1	101.2	N.A.	101.2
Netherlands Antilles.....	90.1	0	90.1	94.3	0	94.3	97.3	N.A.	97.3
Jordan.....	141.7	10.5	131.2	215.5	47.8	167.7	97.3	N.A.	97.3
India.....	242.9	123.8	119.1	115.5	90.0	25.5	94.5	N.A.	94.5
Norway.....	96.7	0	96.7	96.6	0	96.6	94.3	N.A.	94.3
Trinidad-Tobago.....	84.6	1.4	83.2	90.6	0	90.6	93.9	N.A.	93.9
El Salvador.....	99.6	54.1	45.5	88.9	46.6	42.3	93.3	N.A.	93.3
Panama.....	88.4	0.2	88.2	85.6	0.2	85.4	91.4	N.A.	91.4
Ecuador.....	135.8	1.2	134.6	98.3	5.3	93.0	91.3	N.A.	91.3
Other countries.....	3,202.3	540.4	2,661.9	2,927.0	699.2	2,227.8	2,214.8	N.A.	2,214.8
Total.....	39,589.8	1,485.3	38,104.5	40,219.6	1,477.1	38,742.5	37,609.0	N.A.	37,609.0

¹ Fiscal years, Oct 1—Sept. 30. ² Includes Title I local currency sales and long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary agencies, under P.L. 83-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes shipments under the Foreign Assistance Act of 1961, as amended and beginning 1984, section 416(b) of the Agricultural Act of 1949, as amended.

³ "Agricultural exports outside specified Government-financed programs" (sales for dollars) include in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of the extension of credit and credit guarantees of relatively short periods through the Commodity Credit Corporation. N.A. Not available.

Economic Research Service.

Table 687.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1989-91¹

Country	1989			1990			1991		
	Total	Noncom- petitive ²	Competi- tive ²	Total	Noncom- petitive ²	Competi- tive ²	Total	Noncom- petitive ²	Competi- tive ²
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Canada	2,785.0	140.2	2,644.8	3,096.4	169.7	2,926.7	3,215.1	181.1	3,034.0
Mexico	2,092.7	517.9	1,574.8	2,581.4	465.6	2,115.8	2,536.0	423.7	2,112.3
Brazil	1,573.6	733.7	839.9	1,548.4	531.7	1,016.7	1,319.3	658.7	660.6
Australia	1,024.5	6.9	1,017.6	1,165.9	4.7	1,161.2	1,278.0	9.1	1,268.9
New Zealand	839.0	46.3	792.7	818.4	32.6	785.8	856.3	16.8	839.5
Netherlands	765.0	90.8	674.2	836.0	108.9	727.1	782.8	80.3	702.5
Colombia	819.7	548.5	271.2	797.5	460.9	330.6	766.1	483.0	283.1
Italy	589.3	20.9	568.4	681.8	26.7	655.1	744.0	25.7	718.3
France	728.1	56.1	672.0	742.6	63.4	679.2	726.0	57.0	669.0
Indonesia	864.2	802.4	61.8	682.7	607.1	75.6	658.5	576.6	81.9
Germany, Fed. Rep.	544.0	110.0	434.0	548.7	108.1	440.6	575.6	120.5	455.1
Denmark	491.5	36.1	455.4	533.3	48.3	485.0	545.4	58.0	487.4
Argentina	363.3	20.7	342.6	375.5	26.2	349.3	540.7	32.4	508.3
Thailand	434.2	146.3	287.9	455.4	151.6	303.8	485.8	129.8	356.0
Ecuador	419.4	401.9	17.5	443.3	429.1	14.2	478.3	453.1	25.2
Costa Rica	378.9	241.2	137.7	411.9	243.8	168.1	457.1	286.0	171.1
Guatemala	343.9	219.7	124.2	500.7	309.8	190.9	451.7	258.4	193.3
Chile	384.4	2.2	382.2	466.6	2.0	464.6	432.5	2.2	430.3
Philippines	464.7	69.7	395.0	451.7	31.6	420.1	415.0	36.1	378.9
Spain ³	402.9	20.9	382.0	411.7	17.8	393.9	405.7	19.6	386.1
Turkey	225.7	16.0	209.7	295.5	14.9	280.6	322.3	13.5	308.8
China (Mainland)	318.5	80.8	237.7	274.6	86.7	187.9	304.6	82.3	222.3
Malaysia	424.4	276.0	148.4	303.9	204.0	99.9	294.3	197.8	96.5
Japan	216.0	32.7	183.3	232.1	25.4	206.7	266.9	31.3	235.6
India	221.8	75.6	146.2	262.3	84.7	177.6	260.5	69.6	190.9
Dominican Republic	316.4	95.8	220.6	309.7	88.6	221.1	254.3	63.4	190.9
United Kingdom	214.4	35.9	178.5	217.2	44.0	173.2	224.6	45.0	179.6
Honduras	266.6	208.1	58.5	263.5	203.5	60.0	211.8	152.0	59.8
China (Taiwan)	155.1	8.3	146.8	167.8	26.6	141.2	178.9	38.0	140.9
Ireland	172.6	12.9	159.7	219.9	18.1	201.8	167.5	18.4	149.1
Ivory Coast	195.2	190.1	5.1	171.6	165.3	6.3	139.8	137.7	2.1
El Salvador	130.8	114.8	16.0	115.5	90.4	25.1	118.9	76.0	42.9
Sweden	99.0	16.2	82.8	85.4	16.1	69.3	116.7	22.3	94.4
Greece	113.2	2.7	110.5	118.8	1.9	116.9	114.1	2.1	112.0
Hong Kong	86.3	12.6	73.7	106.5	10.9	95.6	110.1	9.3	100.8
Belgium/Luxembourg	101.1	30.2	70.9	94.3	37.1	57.2	105.5	37.8	67.7
Peru	115.1	89.0	26.1	102.7	70.3	32.4	100.5	62.4	38.1
Hungary	78.1	2.2	75.9	74.9	3.0	71.9	93.0	2.2	90.8
Finland	76.6	8.9	67.7	79.5	12.7	66.8	92.2	13.0	79.2
Switzerland	99.8	26.6	73.2	104.6	33.8	70.8	91.0	25.2	65.8
Poland	136.8	.5	136.3	125.5	.8	124.7	88.7	.8	87.9
Yugoslavia	72.3	5.0	67.3	79.4	4.1	75.3	85.7	1.7	84.0
Israel, inc. Gaza Strip	60.9	6.8	54.1	84.1	10.3	73.8	74.0	9.1	64.9
Austria	61.8	5.7	56.1	61.8	5.5	56.3	72.1	4.2	67.9
Singapore	60.5	43.0	17.5	66.6	46.2	20.4	65.0	40.6	24.4
Korea, Rep. of	70.2	7.7	62.5	61.5	7.8	53.7	54.2	8.1	46.1
Portugal	54.9	.5	54.4	46.9	.6	46.3	43.2	.4	42.8
Madagascar	30.2	27.0	3.2	30.7	27.4	3.3	42.9	38.2	4.7
Kenya	50.5	42.5	8.0	39.1	34.4	4.7	42.4	35.4	7.0
Malawi	29.6	2.9	26.7	24.9	2.1	22.8	41.4	2.6	38.8
Other	913.1	528.8	384.3	795.7	367.5	428.2	740.9	269.2	471.7
Total ⁴	21,475.8	6,238.2	15,237.6	22,560.4	5,584.3	16,976.1	22,587.9	5,417.7	17,170.2

¹ Fiscal years Oct. 1-Sept. 30. ² Competitive agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers. ³ Beginning January 1, 1984 includes Canary Islands. ⁴ Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 688.—European Community: Value of agricultural imports by origin, 1977-90 ¹

Year ²	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1977.....	7,427	29,317	30,278	67,022
1978 ³	8,309	37,809	31,896	77,294
1979.....	9,376	44,218	37,633	91,227
1980.....	10,622	48,270	38,280	97,172
1981.....	9,784	44,197	32,775	86,756
1982.....	8,878	44,679	31,275	84,832
1983.....	7,830	43,557	30,244	81,631
1984.....	6,787	42,953	32,250	81,990
1985.....	5,577	46,018	32,749	84,344
1986 ⁴	7,013	64,302	35,629	106,944
1987.....	7,909	78,394	38,156	124,459
1988.....	8,071	85,701	42,302	136,074
1989.....	7,303	86,542	41,558	135,403
1990.....	7,969	102,733	44,368	155,070

¹ Based on data from the United Nations, Organization for Economic Cooperation and Development, and the European Community. ² Data on calendar year basis. ³ Includes Greece. ⁴ Included Portugal and Spain, 1986-89.

Economic Research Service.

Table 689.—Food acquisition: Expenditures for food items by selected Federal Government agencies, ¹ fiscal years 1990-91

Agency	Total expenditures		Agency	Total expenditures	
	1990	1991		1990	1991
	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>
Department of Defense			Department of Agriculture:		
Contractual obligations.....	2,170,000	2,822,000	Commodity Credit Corporation, Dairy price support.....	397,602	756,812
Indefinite delivery type contracts (estimate).....	334,000	450,500	Other purchases.....	260,691	318,860
Miscellaneous total (estimate).....	100,000		Total.....	658,293	1,075,672
Total DOD.....	2,604,000	3,272,500	Public Law 480 (Food for Peace).....	487,869	465,287
Department of Veterans Affairs:			Agricultural Marketing Service.....	619,000	618,000
Central procurement.....	20,600	45,700	Total USDA.....	1,765,162	2,158,959
Local procurement.....	77,400	56,300	Total.....	4,467,162	5,583,459
Total VA.....	98,000	102,000			

¹ These comprise the major Federal expenditures for these purposes. A complete accounting is not available. Agricultural Marketing Service.

Table 690.—Fisheries—Landings and value of principal species: 1985-91 ¹

[Preliminary]

Species	Landings						
	1985	1986	1987	1988	1989	1990	1991
	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.	Mil. lbs.
Fish:							
Cod, Atlantic.....	83	61	59	76	78	96	93
Flounder.....	196	169	200	229	202	255	405
Haddock.....	14	11	7	6	4	5	4
Halibut.....	61	78	76	82	75	70	66
Herring, sea.....	199	210	207	222	209	221	230
Jack mackerel.....	21	24	27	23	28	9	8
Menhaden.....	2,739	2,391	2,712	2,086	1,989	1,962	1,977
Ocean perch, Atlantic.....	10	6	4	14	1	1	1
Pollock.....	136	185	598	1,290	2,385	3,129	2,873
Salmon, Pacific.....	727	659	562	606	786	733	783
Tuna.....	83	88	100	111	89	62	36
Whiting.....	45	40	35	36	39	44	37
Shellfish:							
Clams (meats).....	151	145	134	132	138	139	134
Crabs.....	338	356	386	456	458	499	650
Lobsters, American.....	46	46	46	49	53	61	63
Oysters (meats).....	44	41	40	32	30	29	32
Scallops (meats).....	30	22	41	43	41	42	40
Shrimp.....	334	400	363	331	352	346	320

Species	Value						
	1985	1986	1987	1988	1989	1990	1991
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Fish:							
Cod, Atlantic.....	35	36	44	43	48	61	74
Flounder.....	129	125	145	140	120	113	145
Haddock.....	14	11	9	7	5	6	5
Halibut.....	38	83	88	73	85	97	100
Herring, sea.....	50	49	52	63	29	38	37
Jack mackerel.....	2	2	2	2	2	1	3
Menhaden.....	101	94	104	106	84	94	78
Ocean perch, Atlantic.....	3	3	3	4	1	1	1
Pollock.....	12	21	64	106	197	279	251
Salmon, Pacific.....	440	494	596	911	591	612	360
Tuna.....	53	55	96	121	104	105	75
Whiting.....	8	8	12	9	9	11	11
Shellfish:							
Clams (meats).....	128	135	133	135	135	130	125
Crabs.....	203	270	322	384	414	484	415
Lobsters, American.....	115	121	134	145	149	155	165
Oysters (meats).....	70	78	92	78	84	94	98
Scallops (meats).....	93	107	144	144	140	158	162
Shrimp.....	473	663	578	506	468	491	513

¹ Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 691.—Fresh and frozen fishery products—Production and value: 1985-91 ¹

[1991 is preliminary]

Product	Production						
	1985	1986	1987	1988	1989	1990	1991
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Fish fillets and steaks ²	246	280	356	378	371	441	402
Cod.....	57	77	78	62	73	65	72
Flounder.....	69	64	58	53	44	54	42
Haddock.....	8	8	9	8	7	7	7
Ocean perch, Atlantic.....	2	3	3	2	2	1	1
Rockfish.....	18	17	18	36	25	33	16
Pollock, Atlantic.....	15	16	18	14	11	12	7
Pollock, Alaska.....	11	24	75	110	106	164	161
Other.....	66	71	97	93	103	105	96

Product	Value						
	1985	1986	1987	1988	1989	1990	1991
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Fish fillets and steaks ²	440	56	753	767	742	843	823
Cod.....	90	142	165	137	136	132	179
Flounder.....	157	169	168	163	142	154	130
Haddock.....	19	25	32	30	26	24	26
Ocean perch, Atlantic.....	3	6	6	5	3	1	1
Rockfish.....	25	24	27	57	40	53	25
Pollock, Atlantic.....	17	21	30	21	18	21	18
Pollock, Alaska.....	24	25	82	110	98	174	209
Other.....	106	152	243	244	279	284	235

¹ Excludes Alaska and Hawaii, except frozen products includes Alaska and Hawaii. ² Fresh and frozen.
³ Included with other.
 U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 692.—Canned fishery products—Production and value: 1983-91 ¹

[1991 is preliminary]

Product	Production								
	1983	1984	1985	1986	1987	1988	1989	1990	1991
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Total ²	1,391	1,411	1,161	1,332	1,186	1,131	1,455	1,178	1,386
Tuna.....	591	614	545	637	654	598	686	581	593
Salmon.....	181	200	159	142	105	88	197	196	196
Clam products.....	102	114	117	116	117	127	135	110	129
Jack mackerel ³	46	31	15	17	15	18	18	23	9
Sardines, Maine.....	13	15	20	16	13	19	13	13	14
Shrimp.....	7	7	4	5	4	4	3	1	1
Crabs.....	1	1	1	1	(⁵)	(⁵)	1	1	(⁵)
Squid.....	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Oysters ⁴	1	(⁶)	2	3	4	3	4	1	1

Product	Value								
	1983	1984	1985	1986	1987	1988	1989	1990	1991
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Total ²	1,534	1,578	1,360	1,485	1,562	1,481	1,992	1,562	1,644
Tuna.....	859	872	821	882	1,016	960	1,058	902	877
Salmon.....	308	322	228	265	262	219	514	366	413
Clam products.....	86	95	109	118	88	98	91	76	84
Jack mackerel ³	17	13	7	6	6	9	7	11	3
Sardines, Maine.....	20	25	38	28	22	24	1	17	19
Shrimp.....	41	36	19	22	22	25	9	3	4
Crabs.....	6	5	2	2	1	2	3	4	(⁵)
Squid.....	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Oysters ⁴	2	5	2	4	2	2	1	1	2

¹ Natural pack only. ² Includes other products not shown separately. ³ Includes small amount of Pacific mackerel. ⁴ Includes oyster specialties. ⁵ Less than 500,000 pounds or \$500,000. n.a. not available.
 U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 693.—Fisheries—Fishermen and craft, 1977, and catch, 1986-91, by area

[1986-91 are preliminary]

Area	1977 ¹			1986 ¹		1987 ¹	
	Fisher- men	Fishing vessels	Fishing boats ²	Total catch	Value	Total catch	Value
	1,000	Number	1,000	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
United States.....	182.1	17,545	89.2	6,031	2,763	6,896	3,115
New England States.....	31.7	929	15.4	563	449	545	512
Middle Atlantic States.....	17.3	573	11.3	156	114	163	128
Chesapeake Bay States.....	27.9	2,086	19.0	617	131	791	160
South Atlantic States.....	11.6	1,463	6.7	249	155	235	150
Gulf States.....	29.3	5,328	11.0	2,368	781	2,501	720
Pacific Coast States.....	54.0	7,643	15.4	1,923	1,065	2,493	1,360
Great Lakes States.....	1.2	217	.5	48	14	42	17
Hawaii.....	2.7	101	1.3	11	20	16	29
Other ³	11.3		9.9	96	34	110	39

	1988 ¹		1989 ¹		1990 ¹		1991 ¹	
	Total catch	Value	Total catch	Value	Total catch	Value	Total catch	Value
	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. lb.	Mil. dol.
United States.....	7,193	3,520	8,463	3,238	9,404	3,522	9,484	3,308
New England States.....	570	494	565	509	649	543	646	594
Middle Atlantic States.....	156	129	172	133	207	150	234	154
Chesapeake Bay States.....	730	148	777	152	887	160	770	142
South Atlantic States.....	280	174	256	169	262	169	293	169
Gulf States.....	1,937	708	1,789	649	1,625	640	1,679	641
Pacific Coast States.....	3,457	1,808	4,840	1,560	5,723	1,775	5,795	1,529
Great Lakes States.....	40	19	38	20	45	20	39	21
Hawaii.....	21	40	24	47	26	65	28	58
Other ³								

¹ Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total. ² Refers to craft having capacity of less than 5 net tons. ³ Mississippi River and other areas.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 694.—Fisheries: Quantity and value of domestic catch, 1977-91

[1981-91 are preliminary]

Year	Quantity ¹			Ex- vessel value	Aver- age price per lb.	Year	Quantity ¹			Ex- vessel value	Aver- age price per lb.
	Total	For human food	For indus- trial products ²				Total	For human food	For indus- trial products ²		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. dol.	Cents		Mil. lb.	Mil. lb.	Mil. lb.	Mil. dol.	Cents
1977.....	5,271	2,952	2,319	1,554	29.5	1985.....	6,258	3,294	2,964	2,326	37.2
1978.....	5,271	3,177	2,851	1,854	30.7	1986.....	6,031	3,393	2,638	2,763	45.8
1979.....	6,267	3,318	2,949	2,234	35.6	1987.....	6,896	3,946	2,950	3,115	45.2
1980.....	6,482	3,654	2,828	2,237	34.5	1988.....	7,192	4,588	2,604	3,520	48.9
1981.....	5,977	3,547	2,430	2,388	40.0	1989.....	8,463	6,204	2,259	3,238	38.3
1982.....	6,367	3,285	3,082	2,390	37.5	1990.....	9,404	7,041	2,363	3,522	37.4
1983.....	6,439	3,238	*3,201	2,355	36.6	1991.....	*9,484	7,031	2,453	3,308	34.9
1984.....	6,438	3,320	3,118	2,350	36.5						

¹ Live weight. ² Meals, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.

*Record.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 695.—Fishery products—Supply: 1982-91 ¹

[1982-91 are preliminary]

Item	1982	1983	1984	1985	1986
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Total	12,011	12,252	12,552	15,150	14,368
For human food	7,968	8,413	8,498	9,337	9,620
Finfish	6,090	6,358	6,303	6,991	7,087
Shellfish ²	1,878	2,055	2,195	2,346	2,533
For industrial use	4,043	3,939	4,054	5,813	4,748
Domestic catch	6,367	6,439	6,438	6,258	6,031
Percent of total	53.0	52.1	51.3	41.3	42.0
For human food	3,285	3,238	3,320	3,294	3,393
Finfish	2,324	2,351	2,348	2,273	2,240
Shellfish ²	961	887	972	1,021	1,153
For industrial use	3,082	3,201	3,118	2,964	2,638
Imports ³	5,644	5,913	6,114	8,892	8,337
Percent of total	47.0	47.9	48.7	58.7	58.0
For human food	4,683	5,175	5,178	6,043	6,227
Finfish	3,766	4,007	3,955	4,718	4,847
Shellfish ²	917	1,168	1,223	1,325	1,380
For industrial use ⁴	961	738	936	2,849	2,110

Item	1987	1988	1989	1990	1991
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Total	15,744	14,628	15,485	16,349	16,364
For human food	10,561	10,505	12,268	12,662	13,020
Finfish	7,919	7,786	9,735	10,120	10,186
Shellfish ²	2,642	2,719	2,533	2,542	2,834
For industrial use	5,183	4,123	3,217	3,687	3,344
Domestic catch	6,896	7,192	8,463	9,404	9,404
Percent of total	43.8	49.2	54.7	57.5	58.0
For human food	3,946	4,588	6,204	7,041	7,031
Finfish	2,769	3,306	4,897	5,747	5,564
Shellfish ²	1,177	1,282	1,307	1,294	1,467
For industrial use	2,950	2,604	2,259	2,363	2,453
Imports ³	8,848	7,436	7,022	6,945	6,879
Percent of total	56.2	50.8	45.3	42.5	42.0
For human food	6,615	5,917	6,064	5,621	5,989
Finfish	5,150	4,480	4,838	4,373	4,622
Shellfish ²	1,465	1,437	1,226	1,248	1,367
For industrial use ⁴	2,233	1,519	958	1,324	890

¹ Live weight, except percent. ² For univalve and bivalves mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell is reported. ³ Excluding imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. ⁴ Fish meal and sea herring.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 696.—Fisheries: Disposition of domestic catch, 1981-91

[1981-91 are preliminary]

Disposition	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>	<i>Mil. lbs.</i>
Fresh and frozen	2,547	2,550	2,304	2,336	2,725	2,487	3,157	3,813	5,585	6,501	6,541
Canned	1,118	891	1,087	1,128	749	1,134	1,009	1,017	798	751	674
Cured	90	85	80	82	70	60	89	86	128	126	119
Reduced to meal, oil, etc.	2,222	2,841	2,968	2,892	2,714	2,350	2,641	2,276	1,952	2,026	2,150
Total	5,977	6,367	6,258	6,438	6,258	6,031	6,896	7,192	8,463	9,404	9,484

¹ Live weight catch. In addition to whole fish, a large portion of waste (400-500 mil. lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 697.—Processed fishery products—Production and value, 1984-91 ¹

Item	Production							
	1984	1985	1986	1987	1988	1989	1990	Preliminary 1991
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Total.....	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Fresh and frozen ³	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Fillets.....	241	232	266	338	362	345	414	388
Steaks.....	11	13	14	18	22	26	26	14
Fish sticks.....	92	96	87	99	80	89	65	63
Fish portions.....	333	330	342	324	287	280	294	184
Breaded shrimp.....	95	95	108	109	80	121	114	116
Canned products ⁴	1,411	1,161	1,332	1,186	1,130	1,455	1,178	1,386
Fish and shellfish.....	1,042	913	1,011	965	907	1,110	957	981
Animal feed.....	369	248	321	221	223	345	221	405
Industrial products.....	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Meal and scrap.....	752	722	702	787	644	618	577	613
Oil (body and liver).....	373	285	337	298	225	225	282	267
Solubles.....	252	323	195	249	223	233	186	170
Other.....	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Total.....	Value							
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Total.....	5,211	4,936	5,263	5,951	5,369			
Fresh and frozen ³	3,234	3,242	3,481	4,041	3,562			
Fillets.....	384	408	527	696	707	656	764	773
Steaks.....	27	32	37	58	70	86	80	49
Fish sticks.....	110	111	94	143	114	116	75	78
Fish portions.....	414	368	394	446	400	400	414	277
Breaded shrimp.....	369	355	358	372	245	404	371	335
Canned products ⁴	1,577	1,360	1,485	1,562	1,478	1,992	1,562	1,644
Fish and shellfish.....	1,436	1,269	1,395	1,476	1,385	1,754	1,415	1,439
Animal feed.....	141	91	100	85	93	238	147	205
Industrial products.....	234	182	175	212	236	206	207	208
Meal and scrap.....	113	84	83	121	131	115	121	128
Oil (body and liver).....	61	42	44	36	44	24	29	30
Solubles.....	15	19	12	17	15	18	14	12
Other.....	45	37	36	38	47	50	43	38

¹ Includes cured fish. ² Not applicable. ³ Includes items not shown i.e. dressed fish, shellfish not breaded, specialties. ⁴ Includes salmon eggs for baits.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 698.—Selected fishery products—Imports and exports: 1984-91 ¹

Product	Quantity								Value							
	1984	1985	1986	1987	1988	1989	1990	1991	1984	1985	1986	1987	1988	1989	1990	1991
	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>	<i>Mil. dol.</i>
Imports																
Edible	2,454.3	2,754.0	2,978.9	3,201.1	2,967.8	3,243.0	2,884.6	3,015	3,742.3	4,064.3	4,813.5	5,711.2	5,441.6	5,497.8	5,233.2	5,672
Fresh or frozen	2,057.1	2,229.0	2,423.7	2,661.6	2,473.2	2,612.2	2,335.9	2,418.8	3,281.3	3,461.6	4,150.0	5,021.9	4,779.5	4,694.8	4,521.3	4,859.0
Salmon ²	21.1	27.0	40.5	41.9	50.1	98.8	104.3	107.2	56.5	75.6	100.7	113.0	155.2	228.9	252.9	243.0
Tuna	404.2	478.8	563.8	572.5	550.1	649.7	453.7	495.5	215.9	266.3	298.8	330.8	372.3	401.7	339.3	341.2
Groundfish fillets, blocks ³	624.0	639.8	651.0	630.4	500.8	848.4	441.6	420.4	790.6	1,003.5	759.4	1,003.5	759.4	702.0	692.7	769.7
Other fillets and steaks	165.7	231.0	251.0	394.2	320.1	252.6	257.4	310.0	238.3	333.7	416.1	651.0	533.0	490.3	458.0	533.1
Scallops (meats)	27.3	42.0	47.9	39.9	32.0	40.9	39.8	29.5	117.3	147.1	192.6	162.3	115.7	139.0	130.5	110.6
Lobster, American and spiny	73.4	77.4	79.3	80.9	77.5	72.1	74.1	66.3	435.7	464.9	464.9	575.9	546.7	453.3	440.0	420.0
Shrimp and prawn	328.9	342.8	384.3	461.2	489.7	491.6	491.6	530.2	1,189.9	1,120.7	1,404.9	1,676.8	1,726.0	1,684.8	1,639.2	1,836.0
Canned	316.4	414.4	438.8	428.7	424.4	533.4	458.3	513.3	372.9	465.8	500.4	515.9	550.9	642.0	542.6	641.7
Sardines, in oil	17.5	23.0	22.9	27.4	22.8	21.8	18.7	16.6	23.4	27.0	28.5	35.1	30.8	29.8	27.3	28.6
Sardines and herring, not in oil	31.5	39.8	36.0	43.3	37.1	40.1	41.4	35.3	24.8	30.3	30.4	34.2	33.4	33.4	30.3	27.7
Tuna	162.3	213.9	236.6	211.7	244.5	348.2	284.6	351.7	167.3	209.1	228.6	206.9	298.7	375.9	293.9	358.9
Oysters	23.0	28.9	32.1	32.7	27.3	20.4	13.9	12.4	26.2	30.2	32.3	36.1	39.7	36.9	27.0	32.1
Pickled or salted	61.1	57.1	61.4	57.4	55.8	50.5	44.6	44.9	55.5	53.4	62.2	74.6	66.9	54.5	49.3	56.4
Cod, haddock, hake, pollock, cusk	38.0	34.7	36.9	31.9	31.4	16.6	10.9	11.0	42.3	41.2	49.5	60.5	52.7	25.4	18.2	21.7
Nonedible scrap and metal	166.9	510.7	370.0	393.7	265.3	171.1	239.4	158.9	26.5	61.7	47.2	52.5	49.6	31.7	38.6	31.7
Exports																
Canned salmon	49.0	48.2	59.4	35.9	32.9	40.4	49.4	66.0	86.8	83.1	101.2	85.8	91.6	89.7	104.3	133.6
Fish oil, nonedible	399.4	279.1	192.2	249.1	149.3	194.8	222.3	254.1	71.0	36.8	20.8	23.3	21.9	20.2	23.9	34.6

¹ Includes Puerto Rico. ² Excludes fillets. ³ Includes cod, cusk, haddock, hake, pollock, ocean perch, and whiting.

U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 699.—Fishery products: Imports and exports, 1977-91 ¹

Year	Imports ²				Exports			
	Total value	Edible products		Non-edible, value	Total value	Edible products		Non-edible, value
		Quantity	Value			Quantity	Value	
	Mil. dol.	Mil. lb.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. lb.	Mil. dol.	Mil. dol.
1977.....	2,634	2,176	2,078	555	520	331	473	47
1978.....	3,086	2,411	2,256	830	906	448	832	74
1979.....	3,809	2,359	2,672	1,137	1,084	554	1,022	62
1980.....	3,648	2,145	2,687	962	1,006	574	904	102
1981.....	4,206	2,272	3,034	1,172	1,157	669	1,073	84
1982.....	4,523	2,225	3,202	1,321	1,059	657	999	60
1983.....	5,129	2,387	3,627	1,502	1,021	602	908	114
1984.....	5,853	2,454	3,742	2,141	949	574	842	106
1985.....	6,679	2,754	4,064	2,614	1,084	648	1,010	73
1986.....	7,626	2,979	4,813	2,813	1,356	735	1,290	66
1987.....	8,817	3,201	5,711	3,106	1,680	783	1,577	88
1988.....	8,872	2,971	5,459	3,413	2,275	1,064	2,162	113
1989.....	*9,604	*3,243	5,498	*4,107	4,707	1,374	2,285	2,424
1990.....	9,048	2,885	5,233	3,815	5,635	1,920	2,779	2,860
1991 ³	9,435	3,015	*5,672	3,763	*6,162	*2,020	*3,037	*3,125

¹ Includes Puerto Rico. ² Includes landings of tuna by foreign vessels in American Samoa. ³ Preliminary.
*Record.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 700.—Estimated number of fishing trips taken by marine recreational fishermen by subregion and year, Atlantic, Gulf, and Pacific Coasts, 1988-91

Subregion	1988	1989	1990	1991
	Thousands	Thousands	Thousands	Thousands
Atlantic and Gulf: ⁵				
North Atlantic.....	7,696	5,433	6,488	7,513
Mid-Atlantic.....	19,744	12,989	14,355	15,903
South Atlantic.....	19,594	15,469	*14,145	16,162
Gulf.....	19,064	13,678	*12,841	15,527
Total ¹	66,099	47,569	47,828	55,104
Pacific: ²				
Southern California.....	5,996	4,645	(³)	(³)
Northern California.....	3,339	2,410		(³)
Oregon.....	1,015	859	(³)	(³)
Washington.....	1,462	1,532	(³)	(³)
Total ¹	12,413	9,445	(³)	(³)
Grand total ¹	78,512	57,014	(³)	(³)

¹ Totals may not add due to rounding. ² Pacific estimates do not include salmon fishing trips. ³ MRFSS was not conducted for the Pacific Coast in 1990. ⁴ Does not include party boat fishing trips. ⁵ Atlantic and Gulf estimates do not include recreational fishing trips in Texas.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 701.—Estimated number of fish caught by marine recreational fishermen by subregion and year, Atlantic, Gulf, and Pacific Coasts, 1988–91

Subregion	1988	1989	1990	1991
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
North Atlantic.....	31,605	26,051	21,015	28,246
Mid-Atlantic.....	103,473	69,527	90,506	129,617
South Atlantic.....	56,948	44,826	* 42,461	49,754
Gulf.....	131,910	99,466	* 108,818	151,269
Total ¹	323,935	239,870	262,800	358,886
Pacific: ²				
Southern California.....	28,878	23,027	(³)	(³)
Northern California.....	13,390	8,494	(³)	(³)
Oregon.....	2,373	3,036	(³)	(³)
Washington.....	6,573	6,735	(³)	(³)
Total ¹	51,214	41,292	(³)	(³)
Grand total ¹	375,149	281,162	(³)	(³)

¹ Totals may not add due to rounding. ² Pacific estimates do not include salmon data collected by State recreational fishing surveys. ³ MRFSS was not conducted for the Pacific Coast in 1990. ⁴ Does not include catch for party boats. ⁵ Does not include recreational catch for Texas.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 702.—Estimated number of fish caught by marine recreational fishermen by mode and year, Atlantic, Gulf, and Pacific Coasts, 1988–91

Mode	1988	1989	1990	1991
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf: ⁵				
Shore.....	71,338	59,919	64,754	98,082
Party/charter.....	22,199	21,841	* 29,527	17,581
Private/rental.....	230,398	158,110	168,519	243,273
Total ¹	323,935	239,870	262,800	358,886
Pacific: ²				
Shore.....	13,776	13,603	(³)	(³)
Party/charter.....	11,886	9,328	(³)	(³)
Private/rental.....	25,551	18,361	(³)	(³)
Total ¹	51,214	41,292	(³)	(³)
Grand total ¹	375,149	281,162	(³)	(³)

¹ Totals may not add due to rounding. ² Pacific estimates do not include salmon data collected by State recreational fishing surveys. ³ MRFSS was not conducted for the Pacific Coast in 1990. ⁴ Does not include estimated catches for party boats in the South Atlantic or Gulf Mexico. ⁵ Does not include recreational catch for Texas.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 703.—Estimated number of fish caught by marine recreational fishermen by species group and year, Atlantic and Gulf coasts, 1988-91

Species group	1988	1989	1990	1991
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Sharks, other.....	1,952	1,013	979	1,205
Sharks, dogfish.....	2,019	1,626	1,443	1,272
Skates/rays.....	2,505	1,672	1,753	2,145
Eels.....	332	212	213	241
Herrings.....	12,641	13,593	22,024	30,060
Freshwater catfishes.....	1,004	1,069	1,782	1,521
Saltwater catfishes.....	21,514	10,454	12,889	15,406
Toadfishes.....	2,937	3,236	2,816	3,399
Atlantic cod.....	2,991	2,463	2,635	1,877
Pollock.....	1,422	670	403	457
Red hake.....	1,351	1,384	1,769	395
Codfishes/hakes, other.....	1,651	369	145	200
Searobins.....	5,899	2,947	5,518	7,799
Sculpins.....	(1)	280	140	59
White perch.....	2,352	2,436	4,048	5,539
Striped bass.....	895	1,347	2,274	3,753
Black sea bass.....	19,185	13,503	14,347	15,194
Grouper.....	2,932	3,798	3,294	4,229
Sea basses, other.....	3,737	3,531	2,890	2,931
Bluefish.....	17,652	18,564	17,153	17,803
Crevalle jack.....	1,440	1,416	1,773	2,880
Blue runner.....	2,351	1,732	1,856	2,233
Greater amberjack.....	326	849	300	718
Florida pompano.....	324	379	709	603
Jacks, other.....	2,516	1,407	1,365	2,847
Dolphins.....	1,758	2,752	1,895	3,079
Gray snapper.....	1,849	2,912	2,481	6,247
Red snapper.....	1,020	1,073	1,025	1,376
Lane snapper.....	639	779	201	1,224
Vermilion snapper.....	818	864	1,272	1,048
Yellowtail snapper.....	759	1,345	1,461	3,587
Snappers, other.....	555	209	548	793
Pigfish.....	3,114	2,150	2,362	3,344
White grunt.....	3,062	3,142	4,056	7,445
Grunts, other.....	5,017	3,375	2,995	3,099
Scup.....	9,345	11,519	11,244	16,810
Pinfish.....	14,012	10,593	7,974	14,791
Sheepshead.....	4,585	3,271	4,070	3,106
Red porgy.....	690	217	556	180
Porgies, other.....	227	415	413	269
Spotted seatrout.....	22,778	18,032	13,461	25,819
Weakfish.....	8,770	1,880	1,756	2,434
Sand seatrout.....	2,722	2,772	4,510	4,355
Silver perch.....	814	689	739	817
Spot.....	12,647	16,295	19,386	26,954
Kingfishes.....	5,062	2,871	3,367	4,737
Atlantic croaker.....	21,005	10,280	14,828	27,077
Black drum.....	1,586	643	909	906
Red drum.....	5,770	3,738	3,008	6,786
Drums, other.....	2,591	780	1,309	1,136
Mullet.....	6,160	5,009	3,953	5,028
Barracudas.....	435	418	489	870
Tautog.....	5,181	3,709	3,862	5,037
Cunner.....	2,345	2,846	2,546	2,693
Little tunny/Atl. bonito.....	2,423	1,187	1,065	1,232
Atlantic mackerel.....	6,867	4,857	4,842	5,957
King mackerel.....	948	811	1,236	1,354
Spanish mackerel.....	4,338	2,764	4,984	4,273
Tunas/mackerels, other.....	951	634	525	570
Summer flounder.....	20,820	2,727	9,568	15,694
Gulf flounder.....	390	282	236	293
Southern flounder.....	1,416	975	1,670	1,112
Winter flounder.....	14,322	8,469	4,454	4,362
Flounders, other.....	1,441	535	890	1,254
Triggerfishes/filefishes.....	997	1,631	2,228	1,839
Puffers.....	1,646	1,323	1,283	2,838
Other fishes.....	10,021	8,950	8,494	12,749
Total ²	323,935	239,870	262,800	358,886

¹ Less than 30 thousand reported. Data have been included in totals. ² Totals may not add due to rounding.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 704.—Estimated number of fish caught by marine recreational fishermen by species group and year, Pacific coast,¹ 1988–90

Species group	1988	1989	1990
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Spiny dogfish	1,385	855	
Sharks, other	1,217	947	NA
Sturgeons	373	41	
Pacific herring	442	1,039	
Northern anchovy	139	821	
Surf smelt	1,616	3,442	
Smelts, other	53	(²)	
Pacific cod	175	38	
Pacific tomcod	148	(²)	
Walleye pollock	357	(²)	
Pacific hake	310	70	
Silversides	277	172	
Jacksmelt	935	719	
Striped bass	228	96	
Kelp bass	2,163	1,491	
Spotted sand bass	544	108	
Barred sand bass	4,222	2,285	
Sea basses, other	83	53	
Yellowtail	(²)	(²)	
White croaker	3,319	2,989	
California corbina	(²)	31	
Queenfish	679	248	
Croakers, other	230	132	
Opaleye	209	70	
Halfmoon	304	99	
Shiner perch	580	417	
Striped seaperch	323	189	
Black perch	87	71	
Walleye surfperch	438	191	
Silver surfperch	92	61	
White seaperch	211	97	
Pile perch	197	135	
Redtail surfperch	207	49	
Barred surfperch	269	154	
Surfperches, other	510	638	
Pacific barracuda	852	729	
California sheephead	130	55	
Pacific bonito	920	1,002	
Chub mackerel	5,495	4,596	
Tunas	(²)	(²)	(²)
Brown rockfish	562	301	
Copper rockfish	581	398	
Widow rockfish	112	93	
Yellowtail rockfish	482	(²)	
Chillipepper rockfish	768	594	
Quillback rockfish	332	249	
Black rockfish	1,086	880	
Blue rockfish	1,208	912	
Bocaccio	1,499	377	
Canary rockfish	380	250	
Greenspotted rockfish	106	122	
Olive rockfish	194	139	
Gopher rockfish	251	212	
California scorpionfish	722	1,107	
Rockfishes, other	3,968	3,474	
Sablefish	55	(²)	
Kelp greenling	323	262	
Lingcod	648	496	
Greenlings, other	85	104	
Cabezon	173	128	
Sculpins, other	1,742	1,044	
Sanddabs	812	603	
California halibut	1,653	1,566	
Rock sole	244	124	
Starry flounder	79	43	
Flatfishes, other	402	377	
Other fishes	2,968	3,252	
Total ³	51,214	41,292	

¹ Does not include salmon data collected by State surveys. ² Less than 30 thousand reported. Data have been included in totals. ³ Total may not add due to rounding.

Note: MRFSS was not conducted for the Pacific Coast in 1990.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 705.—Estimated number of fish caught by marine recreational fishermen by area of fishing and year, Atlantic, Gulf, and Pacific coasts, 1988-91

Area	1988	1989	1990	1991
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Atlantic and Gulf:				
Ocean 3 miles or less	64,672	42,959	50,986	64,037
Ocean over 3 miles	36,171	24,213	26,401	25,540
Ocean 10 miles or less ¹	41,444	36,148	25,390	50,054
Ocean over 10 miles ¹	15,123	13,974	11,672	13,803
Inland	162,205	122,577	148,351	205,452
Undefined ²	4,320	0	0	0
Total ³	323,935	239,870	262,800	358,886
Pacific: ⁴				
Ocean 3 miles or less	25,121	23,664	(⁵)	(⁵)
Ocean over 3 miles	10,722	5,561	(⁵)	(⁵)
Inland	12,993	12,067	(⁵)	(⁵)
Undefined ²	2,378	0	(⁵)	(⁵)
Total ³	51,214	41,292	(⁵)	(⁵)
Grand total ³	375,149	281,162	(⁵)	(⁵)

¹ This category refers only to the Florida Gulf coast where State jurisdiction extends to 3 marine leagues, approximately 10 nautical miles. ² This category includes "Missing data" on area and local variation in marine geographic terminology which sometimes prevented interviewers from determining acceptable answers to questions on "Distance from shore." ³ Totals may not add due to rounding. ⁴ Pacific estimates do not include salmon data collected by State recreational fishing surveys. ⁵ MRFSS was not conducted for the Pacific Coast in 1990.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Fisheries Statistics Division.

Table 706.—Refrigerated warehouses: Gross refrigerated space by type of plant, United States, biennially, October 1973-91 ^{1 2}

Type	1973	1975	1977	1979	1981
	1,000 Cubic Feet				
General:					
Public	798,888	844,946	860,542	908,394	956,153
Private and Semiprivate	398,217	419,828	438,110	529,483	539,992
Total	1,197,055	1,264,774	1,298,652	1,437,877	1,496,145
Apple:					
Public	29,853	30,346	33,047	31,611	26,940
Private and Semiprivate	288,260	334,944	346,833	382,977	401,889
Total	318,113	365,290	379,880	414,588	428,829
Total, all	1,515,168	1,630,064	1,678,532	1,852,464	1,924,973
	1983	1985	1987	1989	1991
	1,000 Cubic Feet				
General:					
Public	1,028,300	1,110,394	1,285,860	1,391,901	1,572,879
Private and Semiprivate	573,463	589,132	676,869	603,402	624,005
Total	1,601,763	1,699,526	1,962,229	1,995,303	2,196,884
Apple:					
Public	18,871	19,383	19,750	21,945	27,227
Private and Semiprivate	445,996	466,768	494,404	554,150	584,296
Total	464,867	486,151	514,154	576,095	611,523
Total, all	2,066,631	2,185,677	2,476,384	2,571,397	2,808,407

¹ Warehouse space is defined as all space artificially cooled to temperatures of 50°F. or less, in which food commodities are held for 30 days or longer. ² Totals may not add due to rounding.

National Agricultural Statistics Service.

Table 707.—Apple and Pear Storages: Gross and Usable Refrigerated Space, Regular and CA Capacity, by State and United States, October 1, 1991 ^{1 2}

State	Refrigerated space		Apple & pear storage capacity		
	Gross	Usable 1,000 Cubic feet	Regular	Controlled atmos- phere	Total 1,000 Bushels
CA.....	31,476	23,051	7,801	3,270	11,071
CO.....	1,910	1,579	(*)	(*)	531
CT.....	1,965	1,549	517	183	700
ID.....	4,849	4,238	1,024	658	1,682
IL.....	2,414	1,913	(*)	(*)	671
IN.....	3,026	2,378	(*)	(*)	1,045
ME.....	4,402	3,737	748	962	1,710
MD.....	628	491	(*)	(*)	211
MA.....	4,301	3,536	865	674	1,539
MI.....	34,710	30,480	5,525	7,533	13,059
MN.....	686	552	243	496	243
NH.....	2,257	1,967	415	166	911
NJ.....	2,992	2,527	688	166	854
NY.....	29,489	24,727	5,277	5,750	11,028
NC.....	7,117	5,896	755	695	1,450
OH.....	3,719	3,048	1,061	196	1,257
OR.....	42,198	33,483	9,060	2,845	11,905
PA.....	26,760	21,230	5,542	1,904	7,445
RI.....	174	163	58	(*)	58
SC.....	853	687	(*)	(*)	297
UT.....	3,370	2,877	760	425	1,185
VT.....	2,459	2,104	480	505	985
VA.....	24,502	19,846	5,580	1,976	7,556
WA.....	364,203	290,828	51,579	93,765	145,344
WV.....	9,229	7,550	2,572	579	3,151
Oth Sts.....	1,834	1,447	2,731	538	513
US.....	611,523	491,884	103,281	123,120	226,401

* Not published to avoid disclosure of individual operations. Included in "Other States" and U.S. totals.

¹ Totals may not add due to rounding. ² Firms in this table store only apples or pears.

National Agricultural Statistics Service.

Table 708.—General Storages: Gross and usable cooler and freezer space, by State, and United States, October 1, 1991^{1, 2}

State	Cooler		Freezer		Total	
	Gross	Usable	Gross	Usable	Gross	Usable
1,000 Cubic Feet						
AL.....	5,907	5,050	13,359	10,556	19,266	15,606
AK.....	181	176	965	890	1,147	1,066
AZ.....	(*)	(*)	(*)	(*)	10,413	8,484
AR.....	2,136	1,778	24,132	19,892	26,268	21,669
CA.....	102,064	78,494	187,362	137,184	289,426	215,678
CO.....	1,413	1,070	12,192	8,405	13,606	9,475
CT.....	1,173	1,009	3,869	3,401	5,042	4,410
DE.....	(*)	(*)	(*)	(*)	19,812	13,408
FL.....	36,859	28,402	124,135	99,726	160,995	128,128
GA.....	30,710	23,931	59,352	46,139	90,063	70,070
HI.....	(*)	(*)	3,353	1,834	(*)	(*)
ID.....	8,422	6,225	35,008	26,818	43,430	33,043
IL.....	26,580	19,399	64,401	42,064	90,980	61,463
IN.....	3,061	2,441	33,660	26,526	36,721	28,967
IA.....	7,281	5,534	41,424	33,350	48,704	38,884
KS.....	15,228	11,133	41,399	34,859	56,626	45,992
KY.....	3,149	2,169	6,791	4,689	9,939	6,858
LA.....	1,481	1,192	6,891	5,301	8,373	6,493
ME.....	432	327	15,542	11,017	15,975	11,344
MD.....	864	656	20,691	15,210	21,555	15,866
MA.....	4,736	3,729	51,896	40,352	56,632	44,081
MI.....	10,922	8,886	51,449	38,324	62,371	47,710
MN.....	11,428	7,861	33,134	24,445	44,562	32,306
MO.....	26,985	20,974	62,760	47,580	89,745	68,554
NE.....	2,429	1,927	22,694	17,097	25,123	19,024
NV.....	(*)	(*)	(*)	(*)	1,754	1,459
NH.....	348	271	2,058	1,803	2,406	2,074
NJ.....	19,596	14,391	54,255	39,932	73,851	54,324
NM.....	(*)	(*)	(*)	(*)	584	495
NY.....	28,436	21,023	63,861	41,772	92,297	62,795
NC.....	6,396	4,390	28,656	20,803	35,052	25,193
OH.....	10,318	8,047	44,720	35,699	55,038	43,746
OK.....	2,634	2,077	5,806	4,366	8,441	6,442
OR.....	3,631	2,845	91,263	74,217	94,893	77,061
PA.....	12,447	8,167	62,947	44,324	75,394	53,091
SC.....	972	758	10,628	8,516	11,600	9,274
SD.....	1,016	757	2,691	2,012	3,707	2,769
TN.....	3,744	2,158	26,125	16,798	29,870	18,956
TX.....	33,164	23,841	86,142	57,758	119,305	81,599
UT.....	3,144	2,150	21,588	17,876	24,732	20,025
VT.....	(*)	(*)	(*)	(*)	(*)	1,882
WA.....	15,487	12,878	20,497	16,037	35,983	28,915
WV.....	8,056	5,914	135,558	110,102	143,613	116,016
WI.....	(*)	(*)	(*)	(*)	(*)	1,219
WY.....	54,251	38,112	63,820	51,318	118,071	89,430
Oth Sts.....	8,820	6,386	43,911	32,083	23,520	13,356
US.....	515,900	386,527	1,680,984	1,272,174	2,196,884	1,658,701

* Not published to avoid disclosure of individual operations. Included in "Other States" and U.S. totals. ¹ Totals may not add due to rounding. ² Excludes storages used exclusively for storing apples and pears. Includes frozen juice tank storage capacity.

National Agricultural Statistics Service.

ALASKA CROPS

Table 709.—Alaska crops: Acreage harvested, 1977-91

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1977.....	400	2,600	2,100	10,200	1,000	1,400	520	182
1978.....	600	4,000	2,300	9,900	900	1,500	450	198
1979.....	300	5,800	1,000	9,800	700	1,700	460	220
1980.....	600	11,500	2,400	10,400	1,900	1,700	460	227
1981.....	500	8,500	3,200	11,200	1,400	1,600	500	273
1982.....	600	7,500	2,200	10,900	700	1,100	480	306
1983.....	600	11,900	2,800	12,900	1,000	1,000	520	287
1984.....	1,700	15,000	3,000	12,600	4,600	1,200	550	301
1985.....	200	10,700	1,500	12,200	6,300	1,000	580	303
1986.....	300	7,000	1,600	12,800	5,200	1,900	550	278
1987.....	800	5,300	1,800	14,700	3,800	2,000	750	297
1988.....	600	4,700	700	15,200	1,900	1,500	800	283
1989.....	700	4,700	400	12,300	500	1,900	840	254
1990.....	600	5,400	300	14,800	200	1,200	590	264
1991 ²	1,100	5,000	700	16,000	400	1,300	650	248

¹ Excludes greenhouse-grown vegetables. ² Preliminary.
National Agricultural Statistics Service.

Table 710.—Alaska crops: Volume harvested, 1977-91

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables ¹
	<i>Bushels</i>	<i>Bushels</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1977.....	19,600	126,000	3,500	17,100	3,900	7,700	115,000	19,300
1978.....	28,800	150,000	4,700	15,700	5,300	6,800	81,000	19,900
1979.....	15,600	287,000	1,600	14,200	4,200	8,200	85,000	22,700
1980.....	26,100	339,000	2,700	12,300	4,700	7,700	77,000	23,200
1981.....	21,700	251,000	5,500	14,700	6,100	6,700	95,000	23,480
1982.....	31,200	315,000	2,500	11,800	4,700	5,300	102,000	29,857
1983.....	37,500	369,000	4,600	17,100	5,800	8,000	118,000	30,467
1984.....	112,200	525,000	4,400	19,000	14,700	6,600	120,000	31,923
1985.....	7,000	278,000	1,700	15,600	25,200	5,000	124,000	31,337
1986.....	13,200	207,000	1,800	15,200	18,500	7,600	124,000	31,436
1987.....	41,000	220,000	2,200	18,100	18,100	11,400	148,000	30,891
1988.....	36,600	228,000	1,400	23,300	6,100	6,700	202,000	29,787
1989.....	55,700	249,000	800	15,700	3,400	5,300	196,000	30,960
1990.....	23,700	138,000	300	15,900	1,200	5,000	138,000	32,270
1991 ²	59,400	250,000	900	18,600	3,000	3,700	140,000	29,615

¹ Excludes greenhouse-grown vegetables. ² Preliminary.
National Agricultural Statistics Service.

Table 711.—Alaska crops: Value of production, 1977-91

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1977.....	51,000	479,000	2,781,000	438,000	1,323,000	439,000
1978.....	79,000	570,000	2,682,000	457,000	932,000	539,000
1979.....	41,000	861,000	2,054,000	477,000	1,046,000	571,000
1980.....	81,000	1,017,000	2,100,000	484,000	1,563,000	616,000
1981.....	65,000	1,029,000	3,232,000	499,000	1,995,000	678,000
1982.....	156,000	1,134,000	2,717,000	428,000	1,632,000	779,000
1983.....	113,000	1,218,000	3,906,000	620,000	2,053,000	834,000
1984.....	264,000	1,601,000	3,744,000	942,000	2,256,000	812,000
1985.....	16,500	806,000	2,682,000	1,273,000	1,959,000	766,000
1986.....	31,000	518,000	2,890,000	1,104,000	1,910,000	819,000
1987.....	96,000	616,000	3,147,000	1,260,000	2,309,000	806,000
1988.....	90,000	775,000	3,458,000	576,000	3,373,000	817,000
1989.....	134,000	847,000	2,475,000	374,000	3,548,000	794,000
1990.....	56,000	455,000	2,754,000	260,000	2,746,000	880,000
1991 ²	143,000	838,000	3,413,000	320,000	2,380,000	883,000

¹ Excludes greenhouse-grown vegetables. ² Preliminary.
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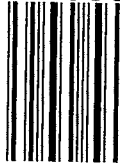
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